

ISTITUTO NAZIONALE DI FISICA NUCLEARE

Consiglio Direttivo

DELIBERAZIONE N. 11997

Il Consiglio Direttivo dell'Istituto Nazionale di Fisica Nucleare, riunito in Roma nei giorni 29 e 30 settembre 2011, alla presenza di n. 33 suoi componenti su un totale di n. 33;

- atteso che la Giunta Esecutiva ha ritenuto di assumere alcune decisioni per le ragioni di urgenza indicate nelle delibere stesse, avvalendosi delle facoltà di cui all'art. 14, comma 5, lettera b) dello Statuto dell'INFN;
- esaminate e discusse le delibere che la Giunta Esecutiva sottopone alla ratifica del Consiglio Direttivo;
- riconosciuti i motivi di urgenza come sintetizzati nelle delibere stesse, che hanno determinato la Giunta ad adottare le deliberazioni sottoposte a ratifica;
- il giorno 30 settembre 2011 con voti n. 33 a favore;
- visto il risultato della votazione

DELIBERA

di ratificare la seguente allegata deliberazione che è parte integrante e sostanziale:

n. 9159	13 settembre 2011	- emissione bando concorso per assegnazione n.1 borsa di studio post-doc per fisici teorici nell'ambito delle Iniziative Specifiche eccellenti TV12
n. 9160	13 settembre 2011	- emissione bando concorso per assegnazione n.1 borsa di studio post-doc per fisici teorici nell'ambito delle Iniziative Specifiche eccellenti RM123
n. 9161	13 settembre 2011	- emissione bando concorso per assegnazione n.1 borsa di studio post-doc per fisici teorici nell'ambito delle Iniziative Specifiche eccellenti PI14

- n. 9162 13 settembre 2011 - emissione bando concorso per assegnazione n.1 borsa di studio post-doc per fisici teorici nell'ambito delle Iniziative Specifiche eccellenti FA51
- n. 9163 13 settembre 2011 - emissione bando concorso per assegnazione n.1 borsa di studio post-doc per fisici teorici nell'ambito delle Iniziative Specifiche eccellenti OG51
- n. 9164 13 settembre 2011 - emissione bando concorso per assegnazione n.1 borsa di studio post-doc per fisici teorici nell'ambito delle Iniziative Specifiche eccellenti PD32
- n. 9165 13 settembre 2011 - emissione bando concorso per assegnazione n.1 borsa di studio post-doc per fisici teorici nell'ambito delle Iniziative Specifiche eccellenti PD51
- n. 9166 13 settembre 2011 - emissione bando concorso per assegnazione n.1 borsa di studio post-doc per fisici teorici nell'ambito delle Iniziative Specifiche eccellenti PI21
- n. 9167 13 settembre 2011 - emissione bando concorso per assegnazione n.1 borsa di studio post-doc per fisici teorici nell'ambito delle Iniziative Specifiche eccellenti PR21
- n. 9168 13 settembre 2011 - emissione bando concorso per assegnazione n.1 borsa di studio post-doc per fisici teorici nell'ambito delle Iniziative Specifiche eccellenti RM31
- n. 9169 13 settembre 2011 - emissione bando concorso per assegnazione n.1 borsa di studio post-doc per fisici teorici nell'ambito delle Iniziative Specifiche eccellenti RM41

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| n. 9170 | 13 settembre 2011 | - emissione bando concorso per assegnazione n.1 borsa di studio post-doc per fisici teorici nell'ambito delle Iniziative Specifiche eccellenti RM61 |
| n. 9171 | 13 settembre 2011 | - emissione bando concorso per assegnazione n.1 borsa di studio post-doc per fisici teorici nell'ambito delle Iniziative Specifiche eccellenti TO23 |
| n. 9172 | 13 settembre 2011 | - emissione bando concorso per assegnazione n.1 borsa di studio post-doc per fisici teorici nell'ambito delle Iniziative Specifiche eccellenti TO31 |
| n. 9173 | 13 settembre 2011 | - emissione bando concorso per assegnazione n.1 borsa di studio post-doc per fisici teorici nell'ambito delle Iniziative Specifiche eccellenti TV62 |

ISTITUTO NAZIONALE DI FISICA NUCLEARE

GIUNTA ESECUTIVA

DELIBERAZIONE N. 9159

La Giunta Esecutiva dell'Istituto Nazionale di Fisica Nucleare, riunita in Roma il 13 settembre 2011,

visto il Regolamento concernente il conferimento delle borse di studio, che definisce le modalità e i criteri di assegnazione delle borse stesse, approvato con deliberazioni del Consiglio Direttivo nn. 1963 e 2097, rispettivamente in data 25 gennaio e 9 luglio 1985;

ravvisata l'urgenza di provvedere;

visto l'art. 14, comma 5, lettera b) dello Statuto dell'INFN che consente alla Giunta Esecutiva di sostituire il Consiglio Direttivo in caso di urgenza:

DELIBERA

1. Di bandire un concorso per l'assegnazione di n. 1 borsa di studio post-doctoral per fisici teorici nell'ambito dell'Iniziativa Specifica eccellente TV12 - *"Dualities in String and Supersymmetric Gauge Theories"*.
2. La sede di svolgimento del concorso sarà la Sezione di Roma Tor Vergata.
3. L'importo della borsa è di Euro 28.000,00 annui al lordo di imposta. Al borsista può inoltre essere esteso il servizio di mensa con le modalità previste per il personale dell'INFN. L'Amministrazione Centrale rimborserà le spese di viaggio da e per il paese di provenienza all'inizio ed al termine della borsa. Tutte le trasferte saranno a carico del Gruppo al quale afferisce il borsista.
4. Per quanto non previsto nell'accluso schema di bando di concorso, che fa parte integrante e sostanziale della presente deliberazione, si fa riferimento al Regolamento per il conferimento delle borse di studio, di cui in premessa.
5. Il relativo onere trova copertura nel capitolo 210310 del bilancio dell'Istituto per gli esercizi finanziari di rispettiva competenza.
6. La presente deliberazione sarà sottoposta a ratifica del Consiglio Direttivo nella prossima riunione, ai sensi dell'art. 14, comma 5, lett. b) dello Statuto dell'INFN.

National Institute of Nuclear Physics



INFN

The logo for the National Institute of Nuclear Physics (INFN) features the acronym 'INFN' in a bold, black, sans-serif font. The letters are centered and flanked by two thick, black, curved lines that sweep upwards and outwards, resembling a stylized particle path or a protective shield.

**CONTEST TO AWARD
A GRANT FOR STUDYING
THEORETICAL PHYSICS**

NATIONAL INSTITUTE OF NUCLEAR PHYSICS

Contest for the award of a grant to study theoretical physics

THE PRESIDENT

of the National Institute of Nuclear Physics

- given the regulation concerning the award of study grants, approved after deliberations of Council Directive 1963 and 2097, respectively on 25 January and 9 July 1985;
- given the deliberation of the Executive Committee on 13 September 2011 no. , to ratify:

SETS IN PLACE

Art. 1

GENERAL POINTS

A contest is announced for the award of a grant to study theoretical physics, to be conducted at the *Sezione di Roma Tor Vergata*, in the following fields:

"Dualities in String and Supersymmetric Gauge Theories"

Preference will be given to candidates who are qualified in String Theory and Supersymmetric Gauge Theories.

The winning candidate can choose one of the INFN Sections listed below as the location for using the grant:

Gruppo Collegato di Alessandria, Cagliari, Napoli, Padova, Pisa, Roma Tor Vergata and Trieste

A copy of the contest details will be available from INFN Locations and on <http://www.ac.infn.it/>.

The grant may not be combined with other study grants, or with cheques or subsidies of a similar nature. It may not be combined with salaries or payments deriving from public or private funds.

The grant is not attributable to whoever has already been assigned grants from the INFN of a total duration of twenty-four months.

Where the winners of the present contest have already used study grants from the INFN for a period of less than twenty-four months, the new grant attributed can be used up to the completion of the limits given below.

Art. 2

DURATION AND AMOUNT

The study grant, of annual duration, is renewable for a further year according to articles 10 and 11 of the announcement.

The annual amount of the grant is € 28.000,00. This amount is gross and is paid in advance in monthly payments. The recipient of the grant can also use the canteen service in the same manner as INFN employees.

Travel costs from the grant holder's original location to the INFN site will be reimbursed, both at the start of the grant duration and at the end.

Art. 3

ADMISSION REQUISITES

Foreign citizens and Italian citizens who have returned to Italy after a period of three years spent abroad may participate in the contest. Contestants must be younger than 35 on the deadline for presenting applications and they must have:

a PhD in Physics research, or an equivalent qualification even if obtained abroad;

or

a degree awarded according to the current regulations in D.M. 509/99 or a Specialist Degree or a Teaching Degree according to D.M. 270/04, in Physics or an equivalent qualification awarded in Italy or abroad which consisted of a professional scientific curriculum aimed at carrying out research, that included at least thirty months of postgraduate research of which at least two years were carried out at doctorate level in Italy or abroad.

All the requisites for admission to the contest must be possessed on the deadline date for the presentation of the application as stipulated in art. 4.

Art. 4

TERMS AND CONDITIONS OF THE PRESENTATION OF APPLICATIONS

Applications, in electronic format, must be sent to the INFN by **20 October 2011**.

In order to enrol, candidates must fill in the application form on http://www.ac.infn.it/personale/theo_fellowships/.

The application form must contain:

- a statement of research interests;
- a curriculum vitae;
- three reference letters (specifying name, surname and e-mail of each referee).

Art. 5

THE ADJUDICATING COMMISSION

The adjudication committee is nominated at the *Sezione di Roma Tor Vergata* with the contribution of the President of the INFN and meets after the deadline for the presentation of applications.

The commission gives a total of 100 points.

The qualifications that can be evaluated are:

- degree result;
- PhD;
- doctorate, or equivalent, course;
- specialist diplomas and postgraduate certificates, in Italy or abroad;
- carrying out research at public and private institutions, under contract or grant, whether in Italy or abroad;

- publications.

Art. 6

APPROVAL OF THE LIST

At the end of its work, the commission presents the minutes of its meetings which the list of merit.

The winner is the candidate in first place on the list formulated by the adjudicating commission.

The list is subject to approval by the Executive Council.

Art. 7

AWARD OF THE GRANT, USE OF THE LIST

The grant is conferred by the president of INFN.

In the fifteen days after receiving the letter which the INFN communicates the award of the grant, the winner must either accept or turn down the grant on the conditions given.

If the winner turns down the award or exceeds the deadline, the grant can be assigned, within two months of the approval of the list, to the candidate who second on the list with the approval of the President of the INFN.

Art. 8

PAYMENT OF THE GRANT AND OBLIGATIONS OF THE WINNER OF THE GRANT

The winner must start his/her research at the site assigned between October and December 2012; any requests to bring forward or postpone the start date will be assessed by the executive council of the INFN.

The winner of the grant is obliged:

- to start his/her activities within the dates given above at the site indicated in the confirmation letter;
- to carry out his/her activities regularly and without interruption for the entire duration of the grant;
- to observe all the internal regulations of the INFN.

The winner of the grant who, after starting his/her research activities, does not continue, without just motive, regularly and uninterruptedly for the entire duration of the grant, or who is guilty of serious and repeated misdemeanours or who does not show a good attitude towards carrying out the programme, can be removed from the programme, with justifications from the president of the INFN.

Interruptions in the grant programme can only be justified by serious health problems.

RENEWING THE GRANT

Art. 9

Between the sixtieth and the thirtieth day before the end of the first year of effectively using the grant, the winner of the grant must send to the *Direzione Affari del Personale, Ufficio Borse di Studio e Assegni di Ricerca - Casella Postale 56 - 00044 Frascati (Roma)*, for the attention of the *Direttore della Struttura di assegnazione*, a report on the activities carried out, accompanied by a report by the tutor.

Art. 10

The president of the INFN assesses the renewal of the grant for the second year.

If the research activities have not been carried out correctly by the holder of the grant, the president may cancel further use of the grant.

Art. 11

TREATMENT OF PERSONAL INFORMATION

According to art.13 of D.Lgs. 30 June 2003 no. 196 personal information requested will be collected and treated at the central administration of INFN only for managing contest activities, also using IT procedures, in the manner and limits necessary for these ends.

Conferring data is necessary to evaluate the requisites of participation and the omission of qualifications possessed can bar this evaluation.

Those interested have the rights given in art. 7 of D.L. no. 196/03.

The person responsible for dealing with this information is named by the Director of the Personnel Department of the INFN.

THE PRESIDENT
(*Prof. Roberto Petronzio*)

ISTITUTO NAZIONALE DI FISICA NUCLEARE

GIUNTA ESECUTIVA

DELIBERAZIONE N. 9160

La Giunta Esecutiva dell'Istituto Nazionale di Fisica Nucleare, riunita in Roma il 13 settembre 2011,

visto il Regolamento concernente il conferimento delle borse di studio, che definisce le modalità e i criteri di assegnazione delle borse stesse, approvato con deliberazioni del Consiglio Direttivo nn. 1963 e 2097, rispettivamente in data 25 gennaio e 9 luglio 1985;

ravvisata l'urgenza di provvedere;

visto l'art. 14, comma 5, lettera b) dello Statuto dell'INFN che consente alla Giunta Esecutiva di sostituire il Consiglio Direttivo in caso di urgenza:

DELIBERA

1. Di bandire un concorso per l'assegnazione di n. 1 borsa di studio post-doctoral per fisici teorici nell'ambito dell'Iniziativa Specifica eccellente RM123 - *"Phenomenology with Lattice QCD"*.
2. La sede di svolgimento del concorso sarà la Sezione di Roma.
3. L'importo della borsa è di Euro 28.000,00 annui al lordo di imposta. Al borsista può inoltre essere esteso il servizio di mensa con le modalità previste per il personale dell'INFN. L'Amministrazione Centrale rimborserà le spese di viaggio da e per il paese di provenienza all'inizio ed al termine della borsa. Tutte le trasferte saranno a carico del Gruppo al quale afferisce il borsista.
4. Per quanto non previsto nell'accluso schema di bando di concorso, che fa parte integrante e sostanziale della presente deliberazione, si fa riferimento al Regolamento per il conferimento delle borse di studio, di cui in premessa.
5. Il relativo onere trova copertura nel capitolo 210310 del bilancio dell'Istituto per gli esercizi finanziari di rispettiva competenza.
6. La presente deliberazione sarà sottoposta a ratifica del Consiglio Direttivo nella prossima riunione, ai sensi dell'art. 14, comma 5, lett. b) dello Statuto dell'INFN.

***National Institute
of Nuclear Physics***

INFN

**CONTEST TO AWARD
A GRANT FOR STUDYING
THEORETICAL PHYSICS**

NATIONAL INSTITUTE OF NUCLEAR PHYSICS

Contest for the award of a grant to study theoretical physics

THE PRESIDENT

of the National Institute of Nuclear Physics

- given the regulation concerning the award of study grants, approved after deliberations of Council Directive 1963 and 2097, respectively on 25 January and 9 July 1985;
- given the deliberation of the Executive Committee on 13 September 2011 no. , to ratify:

SETS IN PLACE

Art. 1

GENERAL POINTS

A contest is announced for the award of a grant to study theoretical physics, , to be conducted at the *Sezione di Roma*, in the following fields:

"Phenomenology with Lattice QCD"

Preference will be given to candidates who are qualified in field theory in general and in lattice QCD in particular to help with carrying out the physics program foreseen within the ETM Collaboration, as a continuation of what has been already done employing a lattice action with four dynamical quarks. The physics program includes, besides the computation of the relevant quark bilinear renormalization constants, the determination of the following quantities: hadronic masses, leptonic meson decay constants, light meson weak and em form factors, and hadronic matrix elements of the effective weak Hamiltonian.

The winning candidate can choose one of the INFN Sections listed below as the location for using the grant:

Roma, Roma Tor Vergata and Roma Tre.

A copy of the contest details will be available from INFN Locations and on <http://www.ac.infn.it/>.

The grant may not be combined with other study grants, or with cheques or subsidies of a similar nature. It may not be combined with salaries or payments deriving from public or private funds.

The grant is not attributable to whoever has already been assigned grants from the INFN of a total duration of twenty-four months.

Where the winners of the present contest have already used study grants from the INFN for a period of less than twenty-four months, the new grant attributed can be used up to the completion of the limits given below.

Art. 2

DURATION AND AMOUNT

The study grant, of annual duration, is renewable for a further year according to articles 10 and 11 of the announcement.

The annual amount of the grant is € 28.000,00. This amount is gross and is paid in advance in monthly payments. The recipient of the grant can also use the canteen service in the same manner as INFN employees.

Travel costs from the grant holder's original location to the INFN site will be reimbursed, both at the start of the grant duration and at the end.

Art. 3

ADMISSION REQUISITES

Foreign citizens and Italian citizens who have returned to Italy after a period of three years spent abroad may participate in the contest. Contestants must be younger than 35 on the deadline for presenting applications and they must have:

a PhD in Physics research, or an equivalent qualification even if obtained abroad;

or

a degree awarded according to the current regulations in D.M. 509/99 or a Specialist Degree or a Teaching Degree according to D.M. 270/04, in Physics or an equivalent qualification awarded in Italy or abroad which consisted of a professional scientific curriculum aimed at carrying out research, that included at least thirty months of postgraduate research of which at least two years were carried out at doctorate level in Italy or abroad.

All the requisites for admission to the contest must be possessed on the deadline date for the presentation of the application as stipulated in art. 4.

Art. 4

TERMS AND CONDITIONS OF THE PRESENTATION OF APPLICATIONS

Applications, in electronic format, must be sent to the INFN by **20 October 2011**.

In order to enrol, candidates must fill in the application form on http://www.ac.infn.it/personale/theo_fellowships/.

The application form must contain:

- a statement of research interests;
- a curriculum vitae;
- three reference letters (specifying name, surname and e-mail of each referee).

Art. 5

THE ADJUDICATING COMMISSION

The adjudication committee is nominated at the *Sezione di Roma* with the contribution of the President of the INFN and meets after the deadline for the presentation of applications.

The commission gives a total of 100 points.

The qualifications that can be evaluated are:

- degree result;

- PhD;
- doctorate, or equivalent, course;
- specialist diplomas and postgraduate certificates, in Italy or abroad;
- carrying out research at public and private institutions, under contract or grant, whether in Italy or abroad;
- publications.

Art. 6

APPROVAL OF THE LIST

At the end of its work, the commission presents the minutes of its meetings which the list of merit.

The winner is the candidate in first place on the list formulated by the adjudicating commission.

The list is subject to approval by the Executive Council.

Art. 7

AWARD OF THE GRANT, USE OF THE LIST

The grant is conferred by the president of INFN.

In the fifteen days after receiving the letter which the INFN communicates the award of the grant, the winner must either accept or turn down the grant on the conditions given.

If the winner turns down the award or exceeds the deadline, the grant can be assigned, within two months of the approval of the list, to the candidate who second on the list with the approval of the President of the INFN.

Art. 8

PAYMENT OF THE GRANT AND OBLIGATIONS OF THE WINNER OF THE GRANT

The winner must start his/her research at the site assigned between October and December 2012; any requests to bring forward or postpone the start date will be assessed by the executive council of the INFN.

The winner of the grant is obliged:

- to start his/her activities within the dates given above at the site indicated in the confirmation letter;
- to carry out his/her activities regularly and without interruption for the entire duration of the grant;
- to observe all the internal regulations of the INFN.

The winner of the grant who, after starting his/her research activities, does not continue, without just motive, regularly and uninterruptedly for the entire duration of the grant, or who is guilty of serious and repeated misdemeanours or who does not show a good attitude towards carrying out the programme, can be removed from the programme, with justifications from the president of the INFN.

Interruptions in the grant programme can only be justified by serious health problems.

RENEWING THE GRANT

Art. 9

Between the sixtieth and the thirtieth day before the end of the first year of effectively using the grant, the winner of the grant must send to the *Direzione Affari del Personale, Ufficio Borse di Studio e Assegni di Ricerca - Casella Postale 56 - 00044 Frascati (Roma)*, for the attention of the *Direttore della Struttura di assegnazione*, a report on the activities carried out, accompanied by a report by the tutor.

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THE PRESIDENT
(*Prof. Roberto Petronzio*)

ISTITUTO NAZIONALE DI FISICA NUCLEARE

GIUNTA ESECUTIVA

DELIBERAZIONE N. 9161

La Giunta Esecutiva dell'Istituto Nazionale di Fisica Nucleare, riunita in Roma il 13 settembre 2011,

visto il Regolamento concernente il conferimento delle borse di studio, che definisce le modalità e i criteri di assegnazione delle borse stesse, approvato con deliberazioni del Consiglio Direttivo nn. 1963 e 2097, rispettivamente in data 25 gennaio e 9 luglio 1985;

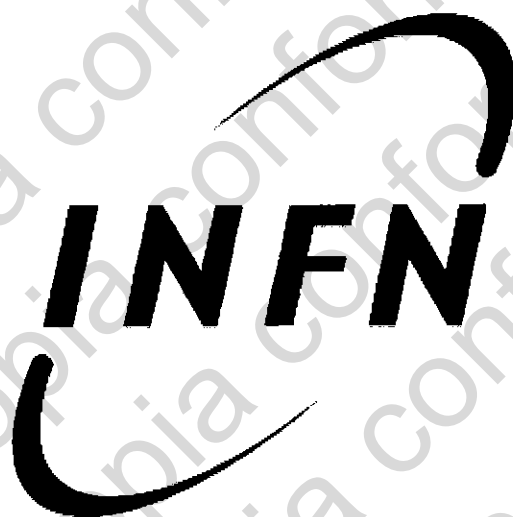
ravvisata l'urgenza di provvedere;

visto l'art. 14, comma 5, lettera b) dello Statuto dell'INFN che consente alla Giunta Esecutiva di sostituire il Consiglio Direttivo in caso di urgenza;

DELIBERA

1. Di bandire un concorso per l'assegnazione di n. 1 borsa di studio post-doctoral per fisici teorici nell'ambito dell'iniziativa Specifica eccellente PI14 - *"Non perturbative Dynamics in Gauge Theories and in String Theory"*.
2. La sede di svolgimento del concorso sarà la Sezione di Pisa
3. L'importo della borsa è di Euro 28.000,00 annui al lordo di imposta. Al borsista può inoltre essere esteso il servizio di mensa con le modalità previste per il personale dell'INFN. L'Amministrazione Centrale rimborserà le spese di viaggio da e per il paese di provenienza all'inizio ed al termine della borsa. Tutte le trasferte saranno a carico del Gruppo al quale afferisce il borsista.
4. Per quanto non previsto nell'accluso schema di bando di concorso, che fa parte integrante e sostanziale della presente deliberazione, si fa riferimento al Regolamento per il conferimento delle borse di studio, di cui in premessa.
5. Il relativo onere trova copertura nel capitolo 210310 del bilancio dell'Istituto per gli esercizi finanziari di rispettiva competenza.
6. La presente deliberazione sarà sottoposta a ratifica del Consiglio Direttivo nella prossima riunione, ai sensi dell'art. 14, comma 5, lett. b) dello Statuto dell'INFN.

National Institute of Nuclear Physics



**CONTEST TO AWARD
A GRANT FOR STUDYING
THEORETICAL PHYSICS**

NATIONAL INSTITUTE OF NUCLEAR PHYSICS

Contest for the award of a grant to study theoretical physics

THE PRESIDENT

of the National Institute of Nuclear Physics

- given the regulation concerning the award of study grants, approved after deliberations of Council Directive 1963 and 2097, respectively on 25 January and 9 July 1985;
- given the deliberation of the Executive Committee on 13 September 2011 no. , to ratify:

SETS IN PLACE

Art. 1

GENERAL POINTS

A contest is announced for the award of a grant to study theoretical physics, to be conducted at the *Sezione di Pisa*, in the following fields:

"Non perturbative Dynamics in Gauge Theories and in String Theory"

Preference will be given to candidates who are qualified in Study of dynamical issues of gauge, gravity and string systems and connections among these, i.e., various correspondences or dualities such as AdS/CFT, certain equivalence to integrable systems. 4D-2D dualities, supersymmetric Wilson loops and N=4 systems. Dynamics of nonAbelian gauge theories, vortices and monopoles, and quark confinement.

The winning candidate can choose one of the INFN Sections listed below as the location for using the grant:

Pisa, Gruppo Collegato di Parma, Firenze, Perugia, Padova, Bologna, Trieste, Gruppo Collegato di Cosenza and Gruppo Collegato di Trento.

A copy of the contest details will be available from INFN Locations and on <http://www.ac.infn.it/>.

The grant may not be combined with other study grants, or with cheques or subsidies of a similar nature. It may not be combined with salaries or payments deriving from public or private funds.

The grant is not attributable to whoever has already been assigned grants from the INFN of a total duration of twenty-four months.

Where the winners of the present contest have already used study grants from the INFN for a period of less than twenty-four months, the new grant attributed can be used up to the completion of the limits given below.

Art. 2

DURATION AND AMOUNT

The study grant, of annual duration, is renewable for a further year according to articles 10 and 11 of the announcement.

The annual amount of the grant is € 28.000,00. This amount is gross and is paid in advance in monthly payments. The recipient of the grant can also use the canteen service in the same manner as INFN employees.

Travel costs from the grant holder's original location to the INFN site will be reimbursed, both at the start of the grant duration and at the end.

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a PhD in Physics research, or an equivalent qualification even if obtained abroad;

or

a degree awarded according to the current regulations in D.M. 509/99 or a Specialist Degree or a Teaching Degree according to D.M. 270/04, in Physics or an equivalent qualification awarded in Italy or abroad which consisted of a professional scientific curriculum aimed at carrying out research, that included at least thirty months of postgraduate research of which at least two years were carried out at doctorate level in Italy or abroad.

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The application form must contain:

- a statement of research interests;
- a curriculum vitae;
- three reference letters (specifying name, surname and e-mail of each referee).

Art. 5

THE ADJUDICATING COMMISSION

The adjudication committee is nominated at the *Sezione di Pisa* with the contribution of the President of the INFN and meets after the deadline for the presentation of applications.

The commission gives a total of 100 points.

The qualifications that can be evaluated are:

- degree result;

- PhD;
- doctorate, or equivalent, course;
- specialist diplomas and postgraduate certificates, in Italy or abroad;
- carrying out research at public and private institutions, under contract or grant, whether in Italy or abroad;
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In the fifteen days after receiving the letter which the INFN communicates the award of the grant, the winner must either accept or turn down the grant on the conditions given.

If the winner turns down the award or exceeds the deadline, the grant can be assigned, within two months of the approval of the list, to the candidate who second on the list with the approval of the President of the INFN.

Art. 8

PAYMENT OF THE GRANT AND OBLIGATIONS OF THE WINNER OF THE GRANT

The winner must start his/her research at the site assigned between October and December 2012; any requests to bring forward or postpone the start date will be assessed by the executive council of the INFN.

The winner of the grant is obliged:

- to start his/her activities within the dates given above at the site indicated in the confirmation letter;
- to carry out his/her activities regularly and without interruption for the entire duration of the grant;
- to observe all the internal regulations of the INFN.

The winner of the grant who, after starting his/her research activities, does not continue, without just motive, regularly and uninterruptedly for the entire duration of the grant, or who is guilty of serious and repeated misdemeanours or who does not show a good attitude towards carrying out the programme, can be removed from the programme, with justifications from the president of the INFN.

Interruptions in the grant programme can only be justified by serious health problems.

RENEWING THE GRANT

Art. 9

Between the sixtieth and the thirtieth day before the end of the first year of effectively using the grant, the winner of the grant must send to the *Direzione Affari del Personale, Ufficio Borse di Studio e Assegni di Ricerca - Casella Postale 56 - 00044 Frascati (Roma)*, for the attention of the *Direttore della Struttura di assegnazione*, a report on the activities carried out, accompanied by a report by the tutor.

Art. 10

The president of the INFN assesses the renewal of the grant for the second year.

If the research activities have not been carried out correctly by the holder of the grant, the president may cancel further use of the grant.

Art. 11

TREATMENT OF PERSONAL INFORMATION

According to art.13 of D.Lgs. 30 June 2003 no. 196 personal information requested will be collected and treated at the central administration of INFN only for managing contest activities, also using IT procedures, in the manner and limits necessary for these ends.

Conferring data is necessary to evaluate the requisites of participation and the omission of qualifications possessed can bar this evaluation.

Those interested have the rights given in art. 7 of D.L. no. 196/03.

The person responsible for dealing with this information is named by the Director of the Personnel Department of the INFN.

THE PRESIDENT
(*Prof. Roberto Petronzio*)

ISTITUTO NAZIONALE DI FISICA NUCLEARE

GIUNTA ESECUTIVA

DELIBERAZIONE N. 9162

La Giunta Esecutiva dell'Istituto Nazionale di Fisica Nucleare, riunita in Roma il 13 settembre 2011,

visto il Regolamento concernente il conferimento delle borse di studio, che definisce le modalità e i criteri di assegnazione delle borse stesse, approvato con deliberazioni del Consiglio Direttivo nn. 1963 e 2097, rispettivamente in data 25 gennaio e 9 luglio 1985;

ravvisata l'urgenza di provvedere;

visto l'art. 14, comma 5, lettera b) dello Statuto dell'INFN che consente alla Giunta Esecutiva di sostituire il Consiglio Direttivo in caso di urgenza:

DELIBERA

1. Di bandire un concorso per l'assegnazione di n. 1 borsa di studio post-doctoral per fisici teorici nell'ambito dell'Iniziativa Specifica eccellente FA51 - "*Theoretical astrophysics*".
2. La sede di svolgimento del concorso sarà la Sezione di Bari.
3. L'importo della borsa è di Euro 28.000,00 annui al lordo di imposta. Al borsista può inoltre essere esteso il servizio di mensa con le modalità previste per il personale dell'INFN. L'Amministrazione Centrale rimborserà le spese di viaggio da e per il paese di provenienza all'inizio ed al termine della borsa. Tutte le trasferte saranno a carico del Gruppo al quale afferisce il borsista.
4. Per quanto non previsto nell'accluso schema di bando di concorso, che fa parte integrante e sostanziale della presente deliberazione, si fa riferimento al Regolamento per il conferimento delle borse di studio, di cui in premessa.
5. Il relativo onere trova copertura nel capitolo 210310 del bilancio dell'Istituto per gli esercizi finanziari di rispettiva competenza.
6. La presente deliberazione sarà sottoposta a ratifica del Consiglio Direttivo nella prossima riunione, ai sensi dell'art. 14, comma 5, lett. b) dello Statuto dell'INFN.

***National Institute
of Nuclear Physics***

INFN

**CONTEST TO AWARD
A GRANT FOR STUDYING
THEORETICAL PHYSICS**

NATIONAL INSTITUTE OF NUCLEAR PHYSICS

Contest for the award of a grant to study theoretical physics

THE PRESIDENT

of the National Institute of Nuclear Physics

- given the regulation concerning the award of study grants, approved after deliberations of Council Directive 1963 and 2097, respectively on 25 January and 9 July 1985;
- given the deliberation of the Executive Committee on 13 September 2011 no. , to ratify:

SETS IN PLACE

Art. 1

GENERAL POINTS

A contest is announced for the award of a grant to study theoretical physics, , to be conducted at the *Sezione di Bari*, in the following fields:

"Theoretical astrophysics"

Preference will be given to candidates who are qualified in theoretical astroparticle physics, among those pertinent to our "Iniziativa Specifica FA51", namely: neutrino physics and astrophysics, precision cosmology, dark matter and dark energy, physics of the early universe, high-energy cosmic rays.

The winning candidate can choose one of the INFN Sections listed below as the location for using the grant:

Bari, Cagliari, Ferrara, Lecce, Laboratori Nazionali di Frascati, Laboratori Nazionali del Gran Sasso, Napoli, Padova, Pisa, Pavia, Roma, Torino and Trieste.

A copy of the contest details will be available from INFN Locations and on <http://www.ac.infn.it/>.

The grant may not be combined with other study grants, or with cheques or subsidies of a similar nature. It may not be combined with salaries or payments deriving from public or private funds.

The grant is not attributable to whoever has already been assigned grants from the INFN of a total duration of twenty-four months.

Where the winners of the present contest have already used study grants from the INFN for a period of less than twenty-four months, the new grant attributed can be used up to the completion of the limits given below.

Art. 2

DURATION AND AMOUNT

The study grant, of annual duration, is renewable for a further year according to articles 10 and 11 of the announcement.

The annual amount of the grant is € 28.000,00. This amount is gross and is paid in advance in

monthly payments. The recipient of the grant can also use the canteen service in the same manner as INFN employees.

Travel costs from the grant holder's original location to the INFN site will be reimbursed, both at the start of the grant duration and at the end.

Art. 3

ADMISSION REQUISITES

Foreign citizens and Italian citizens who have returned to Italy after a period of three years spent abroad may participate in the contest. Contestants must be younger than 35 on the deadline for presenting applications and they must have:

a PhD in Physics research, or an equivalent qualification even if obtained abroad;

or

a degree awarded according to the current regulations in D.M. 509/99 or a Specialist Degree or a Teaching Degree according to D.M. 270/04, in Physics or an equivalent qualification awarded in Italy or abroad which consisted of a professional scientific curriculum aimed at carrying out research, that included at least thirty months of postgraduate research of which at least two years were carried out at doctorate level in Italy or abroad.

All the requisites for admission to the contest must be possessed on the deadline date for the presentation of the application as stipulated in art. 4.

Art. 4

TERMS AND CONDITIONS OF THE PRESENTATION OF APPLICATIONS

Applications, in electronic format, must be sent to the INFN by **20 October 2011**.

In order to enrol, candidates must fill in the application form on http://www.ac.infn.it/personale/theo_fellowships/.

The application form must contain:

- a statement of research interests;
- a curriculum vitae;
- three reference letters (specifying name, surname and e-mail of each referee).

Art. 5

THE ADJUDICATING COMMISSION

The adjudication committee is nominated at the *Sezione di Bari* with the contribution of the President of the INFN and meets after the deadline for the presentation of applications.

The commission gives a total of 100 points.

The qualifications that can be evaluated are:

- degree result;
- PhD;

- doctorate, or equivalent, course;
- specialist diplomas and postgraduate certificates, in Italy or abroad;
- carrying out research at public and private institutions, under contract or grant, whether in Italy or abroad;
- publications.

Art. 6

APPROVAL OF THE LIST

At the end of its work, the commission presents the minutes of its meetings which the list of merit.

The winner is the candidate in first place on the list formulated by the adjudicating commission.

The list is subject to approval by the Executive Council.

Art. 7

AWARD OF THE GRANT, USE OF THE LIST

The grant is conferred by the president of INFN.

In the fifteen days after receiving the letter which the INFN communicates the award of the grant, the winner must either accept or turn down the grant on the conditions given.

If the winner turns down the award or exceeds the deadline, the grant can be assigned, within two months of the approval of the list, to the candidate who second on the list with the approval of the President of the INFN.

Art. 8

PAYMENT OF THE GRANT AND OBLIGATIONS OF THE WINNER OF THE GRANT

The winner must start his/her research at the site assigned between October and December 2012; any requests to bring forward or postpone the start date will be assessed by the executive council of the INFN.

The winner of the grant is obliged:

- to start his/her activities within the dates given above at the site indicated in the confirmation letter;
- to carry out his/her activities regularly and without interruption for the entire duration of the grant;
- to observe all the internal regulations of the INFN.

The winner of the grant who, after starting his/her research activities, does not continue, without just motive, regularly and uninterruptedly for the entire duration of the grant, or who is guilty of serious and repeated misdemeanours or who does not show a good attitude towards carrying out the programme, can be removed from the programme, with justifications from the president of the INFN.

Interruptions in the grant programme can only be justified by serious health problems.

RENEWING THE GRANT

Art. 9

Between the sixtieth and the thirtieth day before the end of the first year of effectively using the grant, the winner of the grant must send to the *Direzione Affari del Personale, Ufficio Borse di Studio e Assegni di Ricerca - Casella Postale 56 - 00044 Frascati (Roma)*, for the attention of the *Direttore della Struttura di assegnazione*, a report on the activities carried out, accompanied by a report by the tutor.

Art. 10

The president of the INFN assesses the renewal of the grant for the second year.

If the research activities have not been carried out correctly by the holder of the grant, the president may cancel further use of the grant.

Art. 11

TREATMENT OF PERSONAL INFORMATION

According to art.13 of D.Lgs. 30 June 2003 no. 196 personal information requested will be collected and treated at the central administration of INFN only for managing contest activities, also using IT procedures, in the manner and limits necessary for these ends.

Conferring data is necessary to evaluate the requisites of participation and the omission of qualifications possessed can bar this evaluation.

Those interested have the rights given in art. 7 of D.L. no. 196/03.

The person responsible for dealing with this information is named by the Director of the Personnel Department of the INFN.

THE PRESIDENT
(Prof. Roberto Petronzio)

ISTITUTO NAZIONALE DI FISICA NUCLEARE

GIUNTA ESECUTIVA

DELIBERAZIONE N. 9163

La Giunta Esecutiva dell'Istituto Nazionale di Fisica Nucleare, riunita in Roma il 13 settembre 2011,

visto il Regolamento concernente il conferimento delle borse di studio, che definisce le modalità e i criteri di assegnazione delle borse stesse, approvato con deliberazioni del Consiglio Direttivo nn. 1963 e 2097, rispettivamente in data 25 gennaio e 9 luglio 1985;

ravvisata l'urgenza di provvedere;

visto l'art. 14, comma 5, lettera b) dello Statuto dell'INFN che consente alla Giunta Esecutiva di sostituire il Consiglio Direttivo in caso di urgenza:

DELIBERA

1. Di bandire un concorso per l'assegnazione di n. 1 borsa di studio post-doctoral per fisici teorici nell'ambito dell'Iniziativa Specifica eccellente OG51 - *"Gravitational wave sources and neutrino processes"*.
2. La sede di svolgimento del concorso sarà la Sezione di Roma.
3. L'importo della borsa è di Euro 28.000,00 annui al lordo di imposta. Al borsista può inoltre essere esteso il servizio di mensa con le modalità previste per il personale dell'INFN. L'Amministrazione Centrale rimborserà le spese di viaggio da e per il paese di provenienza all'inizio ed al termine della borsa. Tutte le trasferte saranno a carico del Gruppo al quale afferisce il borsista.
4. Per quanto non previsto nell'accluso schema di bando di concorso, che fa parte integrante e sostanziale della presente deliberazione, si fa riferimento al Regolamento per il conferimento delle borse di studio, di cui in premessa.
5. Il relativo onere trova copertura nel capitolo 210310 del bilancio dell'Istituto per gli esercizi finanziari di rispettiva competenza.
6. La presente deliberazione sarà sottoposta a ratifica del Consiglio Direttivo nella prossima riunione, ai sensi dell'art. 14, comma 5, lett. b) dello Statuto dell'INFN.

***National Institute
of Nuclear Physics***

INFN

**CONTEST TO AWARD
A GRANT FOR STUDYING
THEORETICAL PHYSICS**

NATIONAL INSTITUTE OF NUCLEAR PHYSICS

Contest for the award of a grant to study theoretical physics

THE PRESIDENT

of the National Institute of Nuclear Physics

- given the regulation concerning the award of study grants, approved after deliberations of Council Directive 1963 and 2097, respectively on 25 January and 9 July 1985;
- given the deliberation of the Executive Committee on 13 September 2011 no. , to ratify:

SETS IN PLACE

Art. 1

GENERAL POINTS

A contest is announced for the award of a grant to study theoretical physics, to be conducted at the *Sezione di Roma*, in the following fields:

"Gravitational wave sources and neutrino processes"

Preference will be given to candidates who are qualified in the modeling of gravitational wave sources, with particular reference to gravitational wave emission during the early stages of neutron stars life and to the associated neutrino processes.

The winning candidate can choose one of the INFN Sections listed below as the location for using the grant:

Roma, Catania, Trieste, Gruppo Collegato di Parma, Milano Bicocca, Torino and Ferrara.

A copy of the contest details will be available from INFN Locations and on <http://www.ac.infn.it/>.

The grant may not be combined with other study grants, or with cheques or subsidies of a similar nature. It may not be combined with salaries or payments deriving from public or private funds.

The grant is not attributable to whoever has already been assigned grants from the INFN of a total duration of twenty-four months.

Where the winners of the present contest have already used study grants from the INFN for a period of less than twenty-four months, the new grant attributed can be used up to the completion of the limits given below.

Art. 2

DURATION AND AMOUNT

The study grant, of annual duration, is renewable for a further year according to articles 10 and 11 of the announcement.

The annual amount of the grant is € 28.000,00. This amount is gross and is paid in advance in monthly payments. The recipient of the grant can also use the canteen service in the same manner as INFN

employees.

Travel costs from the grant holder's original location to the INFN site will be reimbursed, both at the start of the grant duration and at the end.

Art. 3

ADMISSION REQUISITES

Foreign citizens and Italian citizens who have returned to Italy after a period of three years spent abroad may participate in the contest. Contestants must be younger than 35 on the deadline for presenting applications and they must have:

a PhD in Physics research, or an equivalent qualification even if obtained abroad;

or

a degree awarded according to the current regulations in D.M. 509/99 or a Specialist Degree or a Teaching Degree according to D.M. 270/04, in Physics or an equivalent qualification awarded in Italy or abroad which consisted of a professional scientific curriculum aimed at carrying out research, that included at least thirty months of postgraduate research of which at least two years were carried out at doctorate level in Italy or abroad.

All the requisites for admission to the contest must be possessed on the deadline date for the presentation of the application as stipulated in art. 4.

Art. 4

TERMS AND CONDITIONS OF THE PRESENTATION OF APPLICATIONS

Applications, in electronic format, must be sent to the INFN by **20 October 2011**.

In order to enrol, candidates must fill in the application form on http://www.ac.infn.it/personale/theo_fellowships/.

The application form must contain:

- a statement of research interests;
- a curriculum vitae;
- three reference letters (specifying name, surname and e-mail of each referee).

Art. 5

THE ADJUDICATING COMMISSION

The adjudication committee is nominated at the *Sezione di Roma* with the contribution of the President of the INFN and meets after the deadline for the presentation of applications.

The commission gives a total of 100 points.

The qualifications that can be evaluated are:

- degree result;
- PhD;
- doctorate, or equivalent, course;

- specialist diplomas and postgraduate certificates, in Italy or abroad;
- carrying out research at public and private institutions, under contract or grant, whether in Italy or abroad;
- publications.

Art. 6

APPROVAL OF THE LIST

At the end of its work, the commission presents the minutes of its meetings which the list of merit.

The winner is the candidate in first place on the list formulated by the adjudicating commission.

The list is subject to approval by the Executive Council.

Art. 7

AWARD OF THE GRANT, USE OF THE LIST

The grant is conferred by the president of INFN.

In the fifteen days after receiving the letter which the INFN communicates the award of the grant, the winner must either accept or turn down the grant on the conditions given.

If the winner turns down the award or exceeds the deadline, the grant can be assigned, within two months of the approval of the list, to the candidate who second on the list with the approval of the President of the INFN.

Art. 8

PAYMENT OF THE GRANT AND OBLIGATIONS OF THE WINNER OF THE GRANT

The winner must start his/her research at the site assigned between October and December 2012; any requests to bring forward or postpone the start date will be assessed by the executive council of the INFN.

The winner of the grant is obliged:

- to start his/her activities within the dates given above at the site indicated in the confirmation letter;
- to carry out his/her activities regularly and without interruption for the entire duration of the grant;
- to observe all the internal regulations of the INFN.

The winner of the grant who, after starting his/her research activities, does not continue, without just motive, regularly and uninterruptedly for the entire duration of the grant, or who is guilty of serious and repeated misdemeanours or who does not show a good attitude towards carrying out the programme, can be removed from the programme, with justifications from the president of the INFN.

Interruptions in the grant programme can only be justified by serious health problems.

RENEWING THE GRANT

Art. 9

Between the sixtieth and the thirtieth day before the end of the first year of effectively using the grant, the winner of the grant must send to the *Direzione Affari del Personale, Ufficio Borse di Studio e Assegni di Ricerca - Casella Postale 56 - 00044 Frascati (Roma)*, for the attention of the *Direttore della Struttura di assegnazione*, a report on the activities carried out, accompanied by a report by the tutor.

Art. 10

The president of the INFN assesses the renewal of the grant for the second year.

If the research activities have not been carried out correctly by the holder of the grant, the president may cancel further use of the grant.

Art. 11

TREATMENT OF PERSONAL INFORMATION

According to art.13 of D.Lgs. 30 June 2003 no. 196 personal information requested will be collected and treated at the central administration of INFN only for managing contest activities, also using IT procedures, in the manner and limits necessary for these ends.

Conferring data is necessary to evaluate the requisites of participation and the omission of qualifications possessed can bar this evaluation.

Those interested have the rights given in art. 7 of D.L. no. 196/03.

The person responsible for dealing with this information is named by the Director of the Personnel Department of the INFN.

THE PRESIDENT
(*Prof. Roberto Petronzio*)

ISTITUTO NAZIONALE DI FISICA NUCLEARE

GIUNTA ESECUTIVA

DELIBERAZIONE N. 9164

La Giunta Esecutiva dell'Istituto Nazionale di Fisica Nucleare, riunita in Roma il 13 settembre 2011,

visto il Regolamento concernente il conferimento delle borse di studio, che definisce le modalità e i criteri di assegnazione delle borse stesse, approvato con deliberazioni del Consiglio Direttivo nn. 1963 e 2097, rispettivamente in data 25 gennaio e 9 luglio 1985;

ravvisata l'urgenza di provvedere;

visto l'art. 14, comma 5, lettera b) dello Statuto dell'INFN che consente alla Giunta Esecutiva di sostituire il Consiglio Direttivo in caso di urgenza;

DELIBERA

1. Di bandire un concorso per l'assegnazione di n. 1 borsa di studio post-doctoral per fisici teorici nell'ambito dell'Iniziativa Specifica eccellente PD32 - *"Processes involving light nuclei"*.
2. La sede di svolgimento del concorso sarà la Sezione di Padova.
3. L'importo della borsa è di Euro 28.000,00 annui al lordo di imposta. Al borsista può inoltre essere esteso il servizio di mensa con le modalità previste per il personale dell'INFN. L'Amministrazione Centrale rimborserà le spese di viaggio da e per il paese di provenienza all'inizio ed al termine della borsa. Tutte le trasferte saranno a carico del Gruppo al quale afferisce il borsista.
4. Per quanto non previsto nell'accluso schema di bando di concorso, che fa parte integrante e sostanziale della presente deliberazione, si fa riferimento al Regolamento per il conferimento delle borse di studio, di cui in premessa.
5. Il relativo onere trova copertura nel capitolo 210310 del bilancio dell'Istituto per gli esercizi finanziari di rispettiva competenza.
6. La presente deliberazione sarà sottoposta a ratifica del Consiglio Direttivo nella prossima riunione, ai sensi dell'art. 14, comma 5, lett. b) dello Statuto dell'INFN.

***National Institute
of Nuclear Physics***

INFN

**CONTEST TO AWARD
A GRANT FOR STUDYING
THEORETICAL PHYSICS**

NATIONAL INSTITUTE OF NUCLEAR PHYSICS

Contest for the award of a grant to study theoretical physics

THE PRESIDENT

of the National Institute of Nuclear Physics

- given the regulation concerning the award of study grants, approved after deliberations of Council Directive 1963 and 2097, respectively on 25 January and 9 July 1985;
- given the deliberation of the Executive Committee on 13 September 2011 no. _____, to ratify:

SETS IN PLACE

Art. 1

GENERAL POINTS

A contest is announced for the award of a grant to study theoretical physics, to be conducted at the *Sezione di Padova*, in the following fields:

"Processes involving light nuclei"

Preference will be given to candidates who are qualified in few-body nuclear systems, scattering and reaction processes involving light nuclei.

The winning candidate can choose one of the INFN Sections listed below as the location for using the grant:

Lecce, Padova, Pisa and Gruppo Collegato di Trento.

A copy of the contest details will be available from INFN Locations and on <http://www.ac.infn.it/>.

The grant may not be combined with other study grants, or with cheques or subsidies of a similar nature. It may not be combined with salaries or payments deriving from public or private funds.

The grant is not attributable to whoever has already been assigned grants from the INFN of a total duration of twenty-four months.

Where the winners of the present contest have already used study grants from the INFN for a period of less than twenty-four months, the new grant attributed can be used up to the completion of the limits given below.

Art. 2

DURATION AND AMOUNT

The study grant, of annual duration, is renewable for a further year according to articles 10 and 11 of the announcement.

The annual amount of the grant is € 28.000,00. This amount is gross and is paid in advance in monthly payments. The recipient of the grant can also use the canteen service in the same manner as INFN employees.

Travel costs from the grant holder's original location to the INFN site will be reimbursed, both at the start of the grant duration and at the end.

Art. 3

ADMISSION REQUISITES

Foreign citizens and Italian citizens who have returned to Italy after a period of three years spent abroad may participate in the contest. Contestants must be younger than 35 on the deadline for presenting applications and they must have:

a PhD in Physics research, or an equivalent qualification even if obtained abroad;

or

a degree awarded according to the current regulations in D.M. 509/99 or a Specialist Degree or a Teaching Degree according to D.M. 270/04, in Physics or an equivalent qualification awarded in Italy or abroad which consisted of a professional scientific curriculum aimed at carrying out research, that included at least thirty months of postgraduate research of which at least two years were carried out at doctorate level in Italy or abroad.

All the requisites for admission to the contest must be possessed on the deadline date for the presentation of the application as stipulated in art. 4.

Art. 4

TERMS AND CONDITIONS OF THE PRESENTATION OF APPLICATIONS

Applications, in electronic format, must be sent to the INFN by **20 October 2011**.

In order to enrol, candidates must fill in the application form on http://www.ac.infn.it/personale/theo_fellowships/.

The application form must contain:

- a statement of research interests;
- a curriculum vitae;
- three reference letters (specifying name, surname and e-mail of each referee).

Art. 5

THE ADJUDICATING COMMISSION

The adjudication committee is nominated at the *Sezione di Padova* with the contribution of the President of the INFN and meets after the deadline for the presentation of applications.

The commission gives a total of 100 points.

The qualifications that can be evaluated are:

- degree result;
- PhD;
- doctorate, or equivalent, course;
- specialist diplomas and postgraduate certificates, in Italy or abroad;
- carrying out research at public and private institutions, under contract or grant, whether in Italy or abroad;

- publications.

Art. 6

APPROVAL OF THE LIST

At the end of its work, the commission presents the minutes of its meetings which the list of merit.

The winner is the candidate in first place on the list formulated by the adjudicating commission.

The list is subject to approval by the Executive Council.

Art. 7

AWARD OF THE GRANT, USE OF THE LIST

The grant is conferred by the president of INFN.

In the fifteen days after receiving the letter which the INFN communicates the award of the grant, the winner must either accept or turn down the grant on the conditions given.

If the winner turns down the award or exceeds the deadline, the grant can be assigned, within two months of the approval of the list, to the candidate who second on the list with the approval of the President of the INFN.

Art. 8

PAYMENT OF THE GRANT AND OBLIGATIONS OF THE WINNER OF THE GRANT

The winner must start his/her research at the site assigned between October and December 2012; any requests to bring forward or postpone the start date will be assessed by the executive council of the INFN.

The winner of the grant is obliged:

- to start his/her activities within the dates given above at the site indicated in the confirmation letter;
- to carry out his/her activities regularly and without interruption for the entire duration of the grant;
- to observe all the internal regulations of the INFN.

The winner of the grant who, after starting his/her research activities, does not continue, without just motive, regularly and uninterruptedly for the entire duration of the grant, or who is guilty of serious and repeated misdemeanours or who does not show a good attitude towards carrying out the programme, can be removed from the programme, with justifications from the president of the INFN.

Interruptions in the grant programme can only be justified by serious health problems.

RENEWING THE GRANT

Art. 9

Between the sixtieth and the thirtieth day before the end of the first year of effectively using the grant, the winner of the grant must send to the *Direzione Affari del Personale, Ufficio Borse di Studio e Assegni di Ricerca - Casella Postale 56 - 00044 Frascati (Roma)*, for the attention of the *Direttore della Struttura di assegnazione*, a report on the activities carried out, accompanied by a report by the tutor.

Art. 10

The president of the INFN assesses the renewal of the grant for the second year.

If the research activities have not been carried out correctly by the holder of the grant, the president may cancel further use of the grant.

Art. 11

TREATMENT OF PERSONAL INFORMATION

According to art.13 of D.Lgs. 30 June 2003 no. 196 personal information requested will be collected and treated at the central administration of INFN only for managing contest activities, also using IT procedures, in the manner and limits necessary for these ends.

Conferring data is necessary to evaluate the requisites of participation and the omission of qualifications possessed can bar this evaluation.

Those interested have the rights given in art. 7 of D.L. no. 196/03.

The person responsible for dealing with this information is named by the Director of the Personnel Department of the INFN.

THE PRESIDENT
(Prof. Roberto Petronzio)

ISTITUTO NAZIONALE DI FISICA NUCLEARE

GIUNTA ESECUTIVA

DELIBERAZIONE N. 9165

La Giunta Esecutiva dell'Istituto Nazionale di Fisica Nucleare, riunita in Roma il 13 settembre 2011,

visto il Regolamento concernente il conferimento delle borse di studio, che definisce le modalità e i criteri di assegnazione delle borse stesse, approvato con deliberazioni del Consiglio Direttivo nn. 1963 e 2097, rispettivamente in data 25 gennaio e 9 luglio 1985;

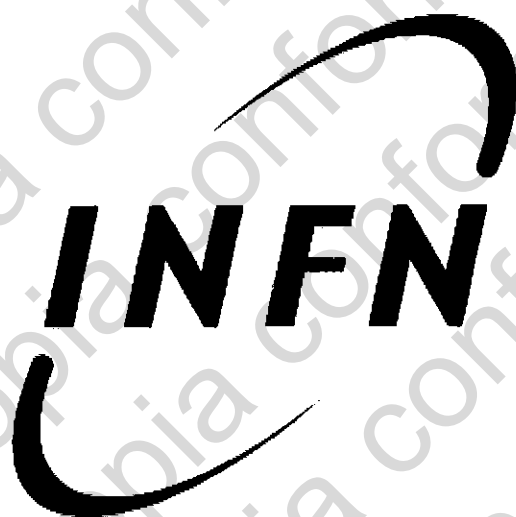
ravvisata l'urgenza di provvedere;

visto l'art. 14, comma 5, lettera b) dello Statuto dell'INFN che consente alla Giunta Esecutiva di sostituire il Consiglio Direttivo in caso di urgenza;

DELIBERA

1. Di bandire un concorso per l'assegnazione di n. 1 borsa di studio post-doctoral per fisici teorici nell'ambito dell'Iniziativa Specifica eccellente PD51 - *"Inflation, Dark Matter and the Large-Scale Structure of the Universe"*.
2. La sede di svolgimento del concorso sarà la Sezione di Padova
3. L'importo della borsa è di Euro 28.000,00 annui al lordo di imposta. Al borsista può inoltre essere esteso il servizio di mensa con le modalità previste per il personale dell'INFN. L'Amministrazione Centrale rimborserà le spese di viaggio da e per il paese di provenienza all'inizio ed al termine della borsa. Tutte le trasferte saranno a carico del Gruppo al quale afferisce il borsista.
4. Per quanto non previsto nell'accluso schema di bando di concorso, che fa parte integrante e sostanziale della presente deliberazione, si fa riferimento al Regolamento per il conferimento delle borse di studio, di cui in premessa.
5. Il relativo onere trova copertura nel capitolo 210310 del bilancio dell'Istituto per gli esercizi finanziari di rispettiva competenza.
6. La presente deliberazione sarà sottoposta a ratifica del Consiglio Direttivo nella prossima riunione, ai sensi dell'art. 14, comma 5, lett. b) dello Statuto dell'INFN.

National Institute of Nuclear Physics



**CONTEST TO AWARD
A GRANT FOR STUDYING
THEORETICAL PHYSICS**

NATIONAL INSTITUTE OF NUCLEAR PHYSICS

Contest for the award of a grant to study theoretical physics

THE PRESIDENT

of the National Institute of Nuclear Physics

- given the regulation concerning the award of study grants, approved after deliberations of Council Directive 1963 and 2097, respectively on 25 January and 9 July 1985;
- given the deliberation of the Executive Committee on 13 September 2011 no. , to ratify:

SETS IN PLACE

Art. 1

GENERAL POINTS

A contest is announced for the award of a grant to study theoretical physics, to be conducted at the *Sezione di Padova*, in the following fields:

"Inflation, Dark Matter and the Large-Scale Structure of the Universe"

Preference will be given to candidates who are qualified in primordial non-Gaussianity and Inflationary models.

The winning candidate can choose one of the INFN Sections listed below as the location for using the grant:

Padova, Ferrara, Bologna, Laboratori Nazionali del Gran Sasso, Roma Tor Vergata, Roma Tre, Torino and Trieste.

A copy of the contest details will be available from INFN Locations and on <http://www.ac.infn.it/>.

The grant may not be combined with other study grants, or with cheques or subsidies of a similar nature. It may not be combined with salaries or payments deriving from public or private funds.

The grant is not attributable to whoever has already been assigned grants from the INFN of a total duration of twenty-four months.

Where the winners of the present contest have already used study grants from the INFN for a period of less than twenty-four months, the new grant attributed can be used up to the completion of the limits given below.

Art. 2

DURATION AND AMOUNT

The study grant, of annual duration, is renewable for a further year according to articles 10 and 11 of the announcement.

The annual amount of the grant is € 28.000,00. This amount is gross and is paid in advance in monthly payments. The recipient of the grant can also use the canteen service in the same manner as INFN

employees.

Travel costs from the grant holder's original location to the INFN site will be reimbursed, both at the start of the grant duration and at the end.

Art. 3

ADMISSION REQUISITES

Foreign citizens and Italian citizens who have returned to Italy after a period of three years spent abroad may participate in the contest. Contestants must be younger than 35 on the deadline for presenting applications and they must have:

a PhD in Physics research, or an equivalent qualification even if obtained abroad;

or

a degree awarded according to the current regulations in D.M. 509/99 or a Specialist Degree or a Teaching Degree according to D.M. 270/04, in Physics or an equivalent qualification awarded in Italy or abroad which consisted of a professional scientific curriculum aimed at carrying out research, that included at least thirty months of postgraduate research of which at least two years were carried out at doctorate level in Italy or abroad.

All the requisites for admission to the contest must be possessed on the deadline date for the presentation of the application as stipulated in art. 4.

Art. 4

TERMS AND CONDITIONS OF THE PRESENTATION OF APPLICATIONS

Applications, in electronic format, must be sent to the INFN by **20 October 2011**.

In order to enrol, candidates must fill in the application form on http://www.ac.infn.it/personale/theo_fellowships/.

The application form must contain:

- a statement of research interests;
- a curriculum vitae;
- three reference letters (specifying name, surname and e-mail of each referee).

Art. 5

THE ADJUDICATING COMMISSION

The adjudication committee is nominated at the *Sezione di Padova* with the contribution of the President of the INFN and meets after the deadline for the presentation of applications.

The commission gives a total of 100 points.

The qualifications that can be evaluated are:

- degree result;
- PhD;
- doctorate, or equivalent, course;

- specialist diplomas and postgraduate certificates, in Italy or abroad;
- carrying out research at public and private institutions, under contract or grant, whether in Italy or abroad;
- publications.

Art. 6

APPROVAL OF THE LIST

At the end of its work, the commission presents the minutes of its meetings which the list of merit.

The winner is the candidate in first place on the list formulated by the adjudicating commission.

The list is subject to approval by the Executive Council.

Art. 7

AWARD OF THE GRANT, USE OF THE LIST

The grant is conferred by the president of INFN.

In the fifteen days after receiving the letter which the INFN communicates the award of the grant, the winner must either accept or turn down the grant on the conditions given.

If the winner turns down the award or exceeds the deadline, the grant can be assigned, within two months of the approval of the list, to the candidate who second on the list with the approval of the President of the INFN.

Art. 8

PAYMENT OF THE GRANT AND OBLIGATIONS OF THE WINNER OF THE GRANT

The winner must start his/her research at the site assigned between October and December 2012; any requests to bring forward or postpone the start date will be assessed by the executive council of the INFN.

The winner of the grant is obliged:

- to start his/her activities within the dates given above at the site indicated in the confirmation letter;
- to carry out his/her activities regularly and without interruption for the entire duration of the grant;
- to observe all the internal regulations of the INFN.

The winner of the grant who, after starting his/her research activities, does not continue, without just motive, regularly and uninterruptedly for the entire duration of the grant, or who is guilty of serious and repeated misdemeanours or who does not show a good attitude towards carrying out the programme, can be removed from the programme, with justifications from the president of the INFN.

Interruptions in the grant programme can only be justified by serious health problems.

RENEWING THE GRANT

Art. 9

Between the sixtieth and the thirtieth day before the end of the first year of effectively using the grant, the winner of the grant must send to the *Direzione Affari del Personale, Ufficio Borse di Studio e Assegni di Ricerca - Casella Postale 56 - 00044 Frascati (Roma)*, for the attention of the *Direttore della Struttura di assegnazione*, a report on the activities carried out, accompanied by a report by the tutor.

Art. 10

The president of the INFN assesses the renewal of the grant for the second year.

If the research activities have not been carried out correctly by the holder of the grant, the president may cancel further use of the grant.

Art. 11

TREATMENT OF PERSONAL INFORMATION

According to art.13 of D.Lgs. 30 June 2003 no. 196 personal information requested will be collected and treated at the central administration of INFN only for managing contest activities, also using IT procedures, in the manner and limits necessary for these ends.

Conferring data is necessary to evaluate the requisites of participation and the omission of qualifications possessed can bar this evaluation.

Those interested have the rights given in art. 7 of D.L. no. 196/03.

The person responsible for dealing with this information is named by the Director of the Personnel Department of the INFN.

THE PRESIDENT
(Prof. Roberto Petronzio)

ISTITUTO NAZIONALE DI FISICA NUCLEARE

GIUNTA ESECUTIVA

DELIBERAZIONE N. 9166

La Giunta Esecutiva dell'Istituto Nazionale di Fisica Nucleare, riunita in Roma il 13 settembre 2011,

visto il Regolamento concernente il conferimento delle borse di studio, che definisce le modalità e i criteri di assegnazione delle borse stesse, approvato con deliberazioni del Consiglio Direttivo nn. 1963 e 2097, rispettivamente in data 25 gennaio e 9 luglio 1985;

ravvisata l'urgenza di provvedere;

visto l'art. 14, comma 5, lettera b) dello Statuto dell'INFN che consente alla Giunta Esecutiva di sostituire il Consiglio Direttivo in caso di urgenza;

DELIBERA

1. Di bandire un concorso per l'assegnazione di n. 1 borsa di studio post-doctoral per fisici teorici nell'ambito dell'Iniziativa Specifica eccellente PI21 - *"LHC and Dark Matter"*.
2. La sede di svolgimento del concorso sarà la Sezione di Pisa
3. L'importo della borsa è di Euro 28.000,00 annui al lordo di imposta. Al borsista può inoltre essere esteso il servizio di mensa con le modalità previste per il personale dell'INFN. L'Amministrazione Centrale rimborserà le spese di viaggio da e per il paese di provenienza all'inizio ed al termine della borsa. Tutte le trasferte saranno a carico del Gruppo al quale afferisce il borsista.
4. Per quanto non previsto nell'accluso schema di bando di concorso, che fa parte integrante e sostanziale della presente deliberazione, si fa riferimento al Regolamento per il conferimento delle borse di studio, di cui in premessa.
5. Il relativo onere trova copertura nel capitolo 210310 del bilancio dell'Istituto per gli esercizi finanziari di rispettiva competenza.
6. La presente deliberazione sarà sottoposta a ratifica del Consiglio Direttivo nella prossima riunione, ai sensi dell'art. 14, comma 5, lett. b) dello Statuto dell'INFN.

National Institute of Nuclear Physics



INFN

The logo for the National Institute of Nuclear Physics (INFN) features the acronym 'INFN' in a bold, black, sans-serif font. The letters are centered and flanked by two thick, black, curved lines that sweep upwards and outwards, resembling a stylized particle trajectory or a protective shield.

**CONTEST TO AWARD
A GRANT FOR STUDYING
THEORETICAL PHYSICS**

NATIONAL INSTITUTE OF NUCLEAR PHYSICS

Contest for the award of a grant to study theoretical physics

THE PRESIDENT

of the National Institute of Nuclear Physics

- given the regulation concerning the award of study grants, approved after deliberations of Council Directive 1963 and 2097, respectively on 25 January and 9 July 1985;
- given the deliberation of the Executive Committee on 13 September 2011 no. , to ratify:

SETS IN PLACE

Art. 1

GENERAL POINTS

A contest is announced for the award of a grant to study theoretical physics, to be conducted at the *Sezione di Pisa*, in the following fields:

"LHC and Dark Matter"

Preference will be given to candidates who are qualified in physics beyond the Standard Model, with particular focus on searches at the LHC and Dark Matter.

The winning candidate can choose one of the INFN Sections listed below as the location for using the grant:

Pisa, Trieste and Laboratori Nazionali del Gran Sasso.

A copy of the contest details will be available from INFN Locations and on <http://www.ac.infn.it/>.

The grant may not be combined with other study grants, or with cheques or subsidies of a similar nature. It may not be combined with salaries or payments deriving from public or private funds.

The grant is not attributable to whoever has already been assigned grants from the INFN of a total duration of twenty-four months.

Where the winners of the present contest have already used study grants from the INFN for a period of less than twenty-four months, the new grant attributed can be used up to the completion of the limits given below.

Art. 2

DURATION AND AMOUNT

The study grant, of annual duration, is renewable for a further year according to articles 10 and 11 of the announcement.

The annual amount of the grant is € 28.000,00. This amount is gross and is paid in advance in monthly payments. The recipient of the grant can also use the canteen service in the same manner as INFN employees.

Travel costs from the grant holder's original location to the INFN site will be reimbursed, both at the start of the grant duration and at the end.

Art. 3

ADMISSION REQUISITES

Foreign citizens and Italian citizens who have returned to Italy after a period of three years spent abroad may participate in the contest. Contestants must be younger than 35 on the deadline for presenting applications and they must have:

a PhD in Physics research, or an equivalent qualification even if obtained abroad;

or

a degree awarded according to the current regulations in D.M. 509/99 or a Specialist Degree or a Teaching Degree according to D.M. 270/04, in Physics or an equivalent qualification awarded in Italy or abroad which consisted of a professional scientific curriculum aimed at carrying out research, that included at least thirty months of postgraduate research of which at least two years were carried out at doctorate level in Italy or abroad.

All the requisites for admission to the contest must be possessed on the deadline date for the presentation of the application as stipulated in art. 4.

Art. 4

TERMS AND CONDITIONS OF THE PRESENTATION OF APPLICATIONS

Applications, in electronic format, must be sent to the INFN by **20 October 2011**.

In order to enrol, candidates must fill in the application form on http://www.ac.infn.it/personale/theo_fellowships/.

The application form must contain:

- a statement of research interests;
- a curriculum vitae;
- three reference letters (specifying name, surname and e-mail of each referee).

Art. 5

THE ADJUDICATING COMMISSION

The adjudication committee is nominated at the *Sezione di Pisa* with the contribution of the President of the INFN and meets after the deadline for the presentation of applications.

The commission gives a total of 100 points.

The qualifications that can be evaluated are:

- degree result;
- PhD;
- doctorate, or equivalent, course;
- specialist diplomas and postgraduate certificates, in Italy or abroad;
- carrying out research at public and private institutions, under contract or grant, whether in Italy or abroad;

- publications.

Art. 6

APPROVAL OF THE LIST

At the end of its work, the commission presents the minutes of its meetings which the list of merit.

The winner is the candidate in first place on the list formulated by the adjudicating commission.

The list is subject to approval by the Executive Council.

Art. 7

AWARD OF THE GRANT, USE OF THE LIST

The grant is conferred by the president of INFN.

In the fifteen days after receiving the letter which the INFN communicates the award of the grant, the winner must either accept or turn down the grant on the conditions given.

If the winner turns down the award or exceeds the deadline, the grant can be assigned, within two months of the approval of the list, to the candidate who second on the list with the approval of the President of the INFN.

Art. 8

PAYMENT OF THE GRANT AND OBLIGATIONS OF THE WINNER OF THE GRANT

The winner must start his/her research at the site assigned between October and December 2012; any requests to bring forward or postpone the start date will be assessed by the executive council of the INFN.

The winner of the grant is obliged:

- to start his/her activities within the dates given above at the site indicated in the confirmation letter;
- to carry out his/her activities regularly and without interruption for the entire duration of the grant;
- to observe all the internal regulations of the INFN.

The winner of the grant who, after starting his/her research activities, does not continue, without just motive, regularly and uninterruptedly for the entire duration of the grant, or who is guilty of serious and repeated misdemeanours or who does not show a good attitude towards carrying out the programme, can be removed from the programme, with justifications from the president of the INFN.

Interruptions in the grant programme can only be justified by serious health problems.

RENEWING THE GRANT

Art. 9

Between the sixtieth and the thirtieth day before the end of the first year of effectively using the grant, the winner of the grant must send to the *Direzione Affari del Personale, Ufficio Borse di Studio e Assegni di Ricerca - Casella Postale 56 - 00044 Frascati (Roma)*, for the attention of the *Direttore della Struttura di assegnazione*, a report on the activities carried out, accompanied by a report by the tutor.

Art. 10

The president of the INFN assesses the renewal of the grant for the second year.

If the research activities have not been carried out correctly by the holder of the grant, the president may cancel further use of the grant.

Art. 11

TREATMENT OF PERSONAL INFORMATION

According to art.13 of D.Lgs. 30 June 2003 no. 196 personal information requested will be collected and treated at the central administration of INFN only for managing contest activities, also using IT procedures, in the manner and limits necessary for these ends.

Conferring data is necessary to evaluate the requisites of participation and the omission of qualifications possessed can bar this evaluation.

Those interested have the rights given in art. 7 of D.L. no. 196/03.

The person responsible for dealing with this information is named by the Director of the Personnel Department of the INFN.

THE PRESIDENT
(*Prof. Roberto Petronzio*)

ISTITUTO NAZIONALE DI FISICA NUCLEARE

GIUNTA ESECUTIVA

DELIBERAZIONE N. 9167

La Giunta Esecutiva dell'Istituto Nazionale di Fisica Nucleare, riunita in Roma il 13 settembre 2011,

visto il Regolamento concernente il conferimento delle borse di studio, che definisce le modalità e i criteri di assegnazione delle borse stesse, approvato con deliberazioni del Consiglio Direttivo nn. 1963 e 2097, rispettivamente in data 25 gennaio e 9 luglio 1985;

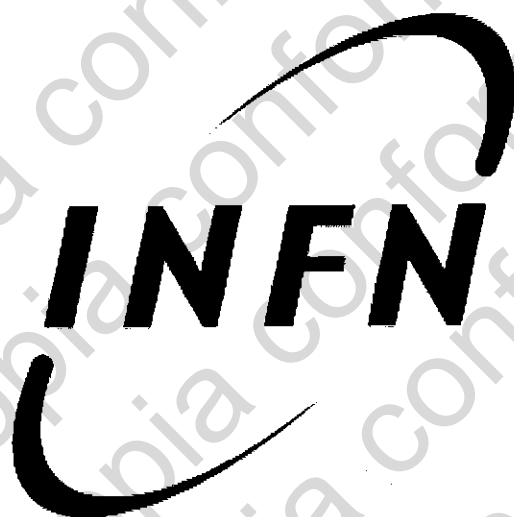
ravvisata l'urgenza di provvedere;

visto l'art. 14, comma 5, lettera b) dello Statuto dell'INFN che consente alla Giunta Esecutiva di sostituire il Consiglio Direttivo in caso di urgenza:

DELIBERA

1. Di bandire un concorso per l'assegnazione di n. 1 borsa di studio post-doctoral per fisici teorici nell'ambito dell'Iniziativa Specifica eccellente PR21 - "*Particle physics phenomenology*".
2. La sede di svolgimento del concorso sarà la Sezione di Milano Bicocca.
3. L'importo della borsa è di Euro 28.000,00 annui al lordo di imposta. Al borsista può inoltre essere esteso il servizio di mensa con le modalità previste per il personale dell'INFN. L'Amministrazione Centrale rimborserà le spese di viaggio da e per il paese di provenienza all'inizio ed al termine della borsa. Tutte le trasferte saranno a carico del Gruppo al quale afferisce il borsista.
4. Per quanto non previsto nell'accluso schema di bando di concorso, che fa parte integrante e sostanziale della presente deliberazione, si fa riferimento al Regolamento per il conferimento delle borse di studio, di cui in premessa.
5. Il relativo onere trova copertura nel capitolo 210310 del bilancio dell'Istituto per gli esercizi finanziari di rispettiva competenza.
6. La presente deliberazione sarà sottoposta a ratifica del Consiglio Direttivo nella prossima riunione, ai sensi dell'art. 14, comma 5, lett. b) dello Statuto dell'INFN.

National Institute of Nuclear Physics



**CONTEST TO AWARD
A GRANT FOR STUDYING
THEORETICAL PHYSICS**

NATIONAL INSTITUTE OF NUCLEAR PHYSICS

Contest for the award of a grant to study theoretical physics

THE PRESIDENT

of the National Institute of Nuclear Physics

- given the regulation concerning the award of study grants, approved after deliberations of Council Directive 1963 and 2097, respectively on 25 January and 9 July 1985;
- given the deliberation of the Executive Committee on 13 September 2011 no. , to ratify:

SETS IN PLACE

Art. 1

GENERAL POINTS

A contest is announced for the award of a grant to study theoretical physics, to be conducted at the *Sezione di Milano Bicocca*, in the following fields:

"Particle physics phenomenology"

Preference will be given to candidates who are qualified in next and next-to-next-to-leading order QCD calculations, shower Monte Carlo, soft-gluon resummation, small-x physics, calculations of signals and backgrounds at the LHC for Standard Model and Beyond the Standard Model physics.

The winning candidate can choose one of the INFN Sections listed below as the location for using the grant:

Milano Bicocca, Firenze, Bologna, Gruppo Collegato di Cosenza, Ferrara, Gruppo Collegato di Parma and Pavia.

A copy of the contest details will be available from INFN Locations and on <http://www.ac.infn.it/>.

The grant may not be combined with other study grants, or with cheques or subsidies of a similar nature. It may not be combined with salaries or payments deriving from public or private funds.

The grant is not attributable to whoever has already been assigned grants from the INFN of a total duration of twenty-four months.

Where the winners of the present contest have already used study grants from the INFN for a period of less than twenty-four months, the new grant attributed can be used up to the completion of the limits given below.

Art. 2

DURATION AND AMOUNT

The study grant, of annual duration, is renewable for a further year according to articles 10 and 11 of the announcement.

The annual amount of the grant is € 28.000,00. This amount is gross and is paid in advance in

monthly payments. The recipient of the grant can also use the canteen service in the same manner as INFN employees.

Travel costs from the grant holder's original location to the INFN site will be reimbursed, both at the start of the grant duration and at the end.

Art. 3

ADMISSION REQUISITES

Foreign citizens and Italian citizens who have returned to Italy after a period of three years spent abroad may participate in the contest. Contestants must be younger than 35 on the deadline for presenting applications and they must have:

a PhD in Physics research, or an equivalent qualification even if obtained abroad;

or

a degree awarded according to the current regulations in D.M. 509/99 or a Specialist Degree or a Teaching Degree according to D.M. 270/04, in Physics or an equivalent qualification awarded in Italy or abroad which consisted of a professional scientific curriculum aimed at carrying out research, that included at least thirty months of postgraduate research of which at least two years were carried out at doctorate level in Italy or abroad.

All the requisites for admission to the contest must be possessed on the deadline date for the presentation of the application as stipulated in art. 4.

Art. 4

TERMS AND CONDITIONS OF THE PRESENTATION OF APPLICATIONS

Applications, in electronic format, must be sent to the INFN by **20 October 2011**.

In order to enrol, candidates must fill in the application form on http://www.ac.infn.it/personale/theo_fellowships/.

The application form must contain:

- a statement of research interests;
- a curriculum vitae;
- three reference letters (specifying name, surname and e-mail of each referee).

Art. 5

THE ADJUDICATING COMMISSION

The adjudication committee is nominated at the *Sezione di Milano Bicocca* with the contribution of the President of the INFN and meets after the deadline for the presentation of applications.

The commission gives a total of 100 points.

The qualifications that can be evaluated are:

- degree result;
- PhD;

- doctorate, or equivalent, course;
- specialist diplomas and postgraduate certificates, in Italy or abroad;
- carrying out research at public and private institutions, under contract or grant, whether in Italy or abroad;
- publications.

Art. 6

APPROVAL OF THE LIST

At the end of its work, the commission presents the minutes of its meetings which the list of merit.

The winner is the candidate in first place on the list formulated by the adjudicating commission.

The list is subject to approval by the Executive Council.

Art. 7

AWARD OF THE GRANT, USE OF THE LIST

The grant is conferred by the president of INFN.

In the fifteen days after receiving the letter which the INFN communicates the award of the grant, the winner must either accept or turn down the grant on the conditions given.

If the winner turns down the award or exceeds the deadline, the grant can be assigned, within two months of the approval of the list, to the candidate who second on the list with the approval of the President of the INFN.

Art. 8

PAYMENT OF THE GRANT AND OBLIGATIONS OF THE WINNER OF THE GRANT

The winner must start his/her research at the site assigned between October and December 2012; any requests to bring forward or postpone the start date will be assessed by the executive council of the INFN.

The winner of the grant is obliged:

- to start his/her activities within the dates given above at the site indicated in the confirmation letter;
- to carry out his/her activities regularly and without interruption for the entire duration of the grant;
- to observe all the internal regulations of the INFN.

The winner of the grant who, after starting his/her research activities, does not continue, without just motive, regularly and uninterruptedly for the entire duration of the grant, or who is guilty of serious and repeated misdemeanours or who does not show a good attitude towards carrying out the programme, can be removed from the programme, with justifications from the president of the INFN.

Interruptions in the grant programme can only be justified by serious health problems.

RENEWING THE GRANT

Art. 9

Between the sixtieth and the thirtieth day before the end of the first year of effectively using the grant, the winner of the grant must send to the *Direzione Affari del Personale, Ufficio Borse di Studio e Assegni di Ricerca - Casella Postale 56 - 00044 Frascati (Roma)*, for the attention of the *Direttore della Struttura di assegnazione*, a report on the activities carried out, accompanied by a report by the tutor.

Art. 10

The president of the INFN assesses the renewal of the grant for the second year.

If the research activities have not been carried out correctly by the holder of the grant, the president may cancel further use of the grant.

Art. 11

TREATMENT OF PERSONAL INFORMATION

According to art.13 of D.Lgs. 30 June 2003 no. 196 personal information requested will be collected and treated at the central administration of INFN only for managing contest activities, also using IT procedures, in the manner and limits necessary for these ends.

Conferring data is necessary to evaluate the requisites of participation and the omission of qualifications possessed can bar this evaluation.

Those interested have the rights given in art. 7 of D.L. no. 196/03.

The person responsible for dealing with this information is named by the Director of the Personnel Department of the INFN.

THE PRESIDENT
(Prof. Roberto Petronzio)

ISTITUTO NAZIONALE DI FISICA NUCLEARE

GIUNTA ESECUTIVA

DELIBERAZIONE N. 9168

La Giunta Esecutiva dell'Istituto Nazionale di Fisica Nucleare, riunita in Roma il 13 settembre 2011,

visto il Regolamento concernente il conferimento delle borse di studio, che definisce le modalità e i criteri di assegnazione delle borse stesse, approvato con deliberazioni del Consiglio Direttivo nn. 1963 e 2097, rispettivamente in data 25 gennaio e 9 luglio 1985;

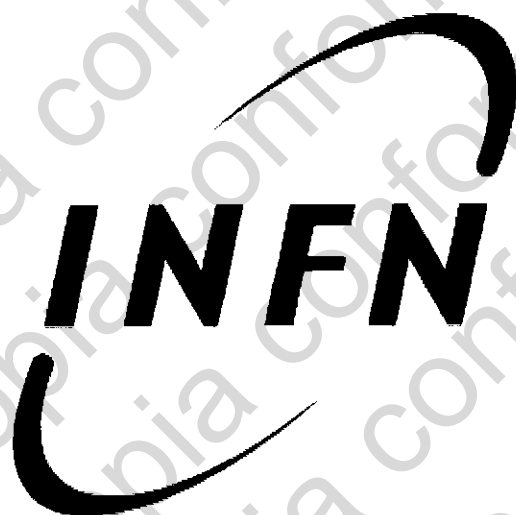
ravvisata l'urgenza di provvedere;

visto l'art. 14, comma 5, lettera b) dello Statuto dell'INFN che consente alla Giunta Esecutiva di sostituire il Consiglio Direttivo in caso di urgenza:

D E L I B E R A

1. Di bandire un concorso per l'assegnazione di n. 1 borsa di studio post-doctoral per fisici teorici nell'ambito dell'Iniziativa Specifica eccellente RM31 - *"QCD at high temperature and density"*.
2. La sede di svolgimento del concorso sarà la Sezione di Firenze.
3. L'importo della borsa è di Euro 28.000,00 annui al lordo di imposta. Al borsista può inoltre essere esteso il servizio di mensa con le modalità previste per il personale dell'INFN. L'Amministrazione Centrale rimborserà le spese di viaggio da e per il paese di provenienza all'inizio ed al termine della borsa. Tutte le trasferte saranno a carico del Gruppo al quale afferisce il borsista.
4. Per quanto non previsto nell'accluso schema di bando di concorso, che fa parte integrante e sostanziale della presente deliberazione, si fa riferimento al Regolamento per il conferimento delle borse di studio, di cui in premessa.
5. Il relativo onere trova copertura nel capitolo 210310 del bilancio dell'Istituto per gli esercizi finanziari di rispettiva competenza.
6. La presente deliberazione sarà sottoposta a ratifica del Consiglio Direttivo nella prossima riunione, ai sensi dell'art. 14, comma 5, lett. b) dello Statuto dell'INFN.

National Institute of Nuclear Physics



**CONTEST TO AWARD
A GRANT FOR STUDYING
THEORETICAL PHYSICS**

NATIONAL INSTITUTE OF NUCLEAR PHYSICS

Contest for the award of a grant to study theoretical physics

THE PRESIDENT

of the National Institute of Nuclear Physics

- given the regulation concerning the award of study grants, approved after deliberations of Council Directive 1963 and 2097, respectively on 25 January and 9 July 1985;
- given the deliberation of the Executive Committee on 13 September 2011 no. , to ratify:

SETS IN PLACE

Art. 1

GENERAL POINTS

A contest is announced for the award of a grant to study theoretical physics, to be conducted at the *Sezione di Firenze*, in the following fields:

"QCD at high temperature and density"

Preference will be given to candidates who are qualified in the physics of Quark gluon plasma and relativistic heavy ion collisions as well as relevant theoretical and phenomenological subjects such as hadronization, lattice QCD, relativistic hydrodynamics, relativistic kinetic theory.

The winning candidate can choose one of the INFN Sections listed below as the location for using the grant:

Bari, Catania, Ferrara, Firenze, Laboratori Nazionali del Sud, Pavia, Roma, Torino and Trieste.

A copy of the contest details will be available from INFN Locations and on <http://www.ac.infn.it/>.

The grant may not be combined with other study grants, or with cheques or subsidies of a similar nature. It may not be combined with salaries or payments deriving from public or private funds.

The grant is not attributable to whoever has already been assigned grants from the INFN of a total duration of twenty-four months.

Where the winners of the present contest have already used study grants from the INFN for a period of less than twenty-four months, the new grant attributed can be used up to the completion of the limits given below.

Art. 2

DURATION AND AMOUNT

The study grant, of annual duration, is renewable for a further year according to articles 10 and 11 of the announcement.

The annual amount of the grant is € 28.000,00. This amount is gross and is paid in advance in monthly payments. The recipient of the grant can also use the canteen service in the same manner as INFN

employees.

Travel costs from the grant holder's original location to the INFN site will be reimbursed, both at the start of the grant duration and at the end.

Art. 3

ADMISSION REQUISITES

Foreign citizens and Italian citizens who have returned to Italy after a period of three years spent abroad may participate in the contest. Contestants must be younger than 35 on the deadline for presenting applications and they must have:

a PhD in Physics research, or an equivalent qualification even if obtained abroad;

or

a degree awarded according to the current regulations in D.M. 509/99 or a Specialist Degree or a Teaching Degree according to D.M. 270/04, in Physics or an equivalent qualification awarded in Italy or abroad which consisted of a professional scientific curriculum aimed at carrying out research, that included at least thirty months of postgraduate research of which at least two years were carried out at doctorate level in Italy or abroad.

All the requisites for admission to the contest must be possessed on the deadline date for the presentation of the application as stipulated in art. 4.

Art. 4

TERMS AND CONDITIONS OF THE PRESENTATION OF APPLICATIONS

Applications, in electronic format, must be sent to the INFN by **20 October 2011**.

In order to enrol, candidates must fill in the application form on http://www.ac.infn.it/personale/theo_fellowships/.

The application form must contain:

- a statement of research interests;
- a curriculum vitae;
- three reference letters (specifying name, surname and e-mail of each referee).

Art. 5

THE ADJUDICATING COMMISSION

The adjudication committee is nominated at the *Sezione di Firenze* with the contribution of the President of the INFN and meets after the deadline for the presentation of applications.

The commission gives a total of 100 points.

The qualifications that can be evaluated are:

- degree result;
- PhD;
- doctorate, or equivalent, course;

- specialist diplomas and postgraduate certificates, in Italy or abroad;
- carrying out research at public and private institutions, under contract or grant, whether in Italy or abroad;
- publications.

Art. 6

APPROVAL OF THE LIST

At the end of its work, the commission presents the minutes of its meetings which the list of merit.

The winner is the candidate in first place on the list formulated by the adjudicating commission.

The list is subject to approval by the Executive Council.

Art. 7

AWARD OF THE GRANT, USE OF THE LIST

The grant is conferred by the president of INFN.

In the fifteen days after receiving the letter which the INFN communicates the award of the grant, the winner must either accept or turn down the grant on the conditions given.

If the winner turns down the award or exceeds the deadline, the grant can be assigned, within two months of the approval of the list, to the candidate who second on the list with the approval of the President of the INFN.

Art. 8

PAYMENT OF THE GRANT AND OBLIGATIONS OF THE WINNER OF THE GRANT

The winner must start his/her research at the site assigned between October and December 2012; any requests to bring forward or postpone the start date will be assessed by the executive council of the INFN.

The winner of the grant is obliged:

- to start his/her activities within the dates given above at the site indicated in the confirmation letter;
- to carry out his/her activities regularly and without interruption for the entire duration of the grant;
- to observe all the internal regulations of the INFN.

The winner of the grant who, after starting his/her research activities, does not continue, without just motive, regularly and uninterruptedly for the entire duration of the grant, or who is guilty of serious and repeated misdemeanours or who does not show a good attitude towards carrying out the programme, can be removed from the programme, with justifications from the president of the INFN.

Interruptions in the grant programme can only be justified by serious health problems.

RENEWING THE GRANT

Art. 9

Between the sixtieth and the thirtieth day before the end of the first year of effectively using the grant, the winner of the grant must send to the *Direzione Affari del Personale, Ufficio Borse di Studio e Assegni di Ricerca - Casella Postale 56 - 00044 Frascati (Roma)*, for the attention of the *Direttore della Struttura di assegnazione*, a report on the activities carried out, accompanied by a report by the tutor.

Art. 10

The president of the INFN assesses the renewal of the grant for the second year.

If the research activities have not been carried out correctly by the holder of the grant, the president may cancel further use of the grant.

Art. 11

TREATMENT OF PERSONAL INFORMATION

According to art.13 of D.Lgs. 30 June 2003 no. 196 personal information requested will be collected and treated at the central administration of INFN only for managing contest activities, also using IT procedures, in the manner and limits necessary for these ends.

Conferring data is necessary to evaluate the requisites of participation and the omission of qualifications possessed can bar this evaluation.

Those interested have the rights given in art. 7 of D.L. no. 196/03.

The person responsible for dealing with this information is named by the Director of the Personnel Department of the INFN.

THE PRESIDENT
(*Prof. Roberto Petronzio*)

ISTITUTO NAZIONALE DI FISICA NUCLEARE

GIUNTA ESECUTIVA

DELIBERAZIONE N. 9169

La Giunta Esecutiva dell'Istituto Nazionale di Fisica Nucleare, riunita in Roma il 13 settembre 2011,

visto il Regolamento concernente il conferimento delle borse di studio, che definisce le modalità e i criteri di assegnazione delle borse stesse, approvato con deliberazioni del Consiglio Direttivo nn. 1963 e 2097, rispettivamente in data 25 gennaio e 9 luglio 1985;

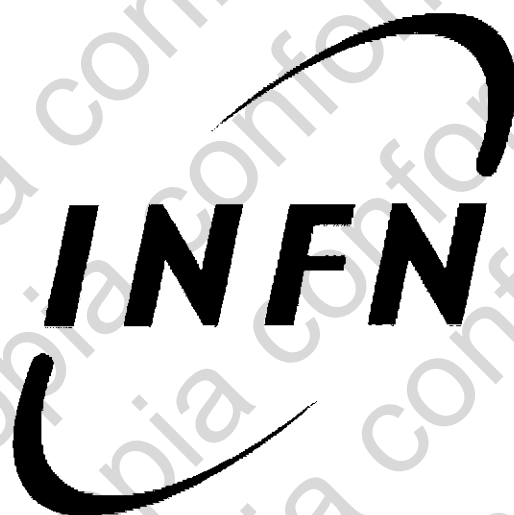
ravvisata l'urgenza di provvedere;

visto l'art. 14, comma 5, lettera b) dello Statuto dell'INFN che consente alla Giunta Esecutiva di sostituire il Consiglio Direttivo in caso di urgenza:

DELIBERA

1. Di bandire un concorso per l'assegnazione di n. 1 borsa di studio post-doctoral per fisici teorici nell'ambito dell'Iniziativa Specifica eccellente RM41 - *"Nonlinear integrable systems, classical and quantum"*.
2. La sede di svolgimento del concorso sarà la Sezione di Roma.
3. L'importo della borsa è di Euro 28.000,00 annui al lordo di imposta. Al borsista può inoltre essere esteso il servizio di mensa con le modalità previste per il personale dell'INFN. L'Amministrazione Centrale rimborserà le spese di viaggio da e per il paese di provenienza all'inizio ed al termine della borsa. Tutte le trasferte saranno a carico del Gruppo al quale afferisce il borsista.
4. Per quanto non previsto nell'accluso schema di bando di concorso, che fa parte integrante e sostanziale della presente deliberazione, si fa riferimento al Regolamento per il conferimento delle borse di studio, di cui in premessa.
5. Il relativo onere trova copertura nel capitolo 210310 del bilancio dell'Istituto per gli esercizi finanziari di rispettiva competenza.
6. La presente deliberazione sarà sottoposta a ratifica del Consiglio Direttivo nella prossima riunione, ai sensi dell'art. 14, comma 5, lett. b) dello Statuto dell'INFN.

***National Institute
of Nuclear Physics***



**CONTEST TO AWARD
A GRANT FOR STUDYING
THEORETICAL PHYSICS**

NATIONAL INSTITUTE OF NUCLEAR PHYSICS

Contest for the award of a grant to study theoretical physics

THE PRESIDENT

of the National Institute of Nuclear Physics

- given the regulation concerning the award of study grants, approved after deliberations of Council Directive 1963 and 2097, respectively on 25 January and 9 July 1985;
- given the deliberation of the Executive Committee on 13 September 2011 no. , to ratify:

SETS IN PLACE

Art. 1

GENERAL POINTS

A contest is announced for the award of a grant to study theoretical physics, to be conducted at the *Sezione di Roma*, in the following fields:

"Nonlinear integrable systems, classical and quantum"

Preference will be given to candidates who are qualified in the mathematical methods of theoretical physics, in particular in the various sectors of the theory of integrable systems, either classical or quantal, as well as in their applications.

The winning candidate can choose one of the INFN Sections listed below as the location for using the grant:

Roma and Roma Tre.

A copy of the contest details will be available from INFN Locations and on <http://www.ac.infn.it/>.

The grant may not be combined with other study grants, or with cheques or subsidies of a similar nature. It may not be combined with salaries or payments deriving from public or private funds.

The grant is not attributable to whoever has already been assigned grants from the INFN of a total duration of twenty-four months.

Where the winners of the present contest have already used study grants from the INFN for a period of less than twenty-four months, the new grant attributed can be used up to the completion of the limits given below.

Art. 2

DURATION AND AMOUNT

The study grant, of annual duration, is renewable for a further year according to articles 10 and 11 of the announcement.

The annual amount of the grant is € 28.000,00. This amount is gross and is paid in advance in monthly payments. The recipient of the grant can also use the canteen service in the same manner as INFN

employees.

Travel costs from the grant holder's original location to the INFN site will be reimbursed, both at the start of the grant duration and at the end.

Art. 3

ADMISSION REQUISITES

Foreign citizens and Italian citizens who have returned to Italy after a period of three years spent abroad may participate in the contest. Contestants must be younger than 35 on the deadline for presenting applications and they must have:

a PhD in Physics research, or an equivalent qualification even if obtained abroad;

or

a degree awarded according to the current regulations in D.M. 509/99 or a Specialist Degree or a Teaching Degree according to D.M. 270/04, in Physics or an equivalent qualification awarded in Italy or abroad which consisted of a professional scientific curriculum aimed at carrying out research, that included at least thirty months of postgraduate research of which at least two years were carried out at doctorate level in Italy or abroad.

All the requisites for admission to the contest must be possessed on the deadline date for the presentation of the application as stipulated in art. 4.

Art. 4

TERMS AND CONDITIONS OF THE PRESENTATION OF APPLICATIONS

Applications, in electronic format, must be sent to the INFN by **20 October 2011**.

In order to enrol, candidates must fill in the application form on http://www.ac.infn.it/personale/theo_fellowships/.

The application form must contain:

- a statement of research interests;
- a curriculum vitae;
- three reference letters (specifying name, surname and e-mail of each referee).

Art. 5

THE ADJUDICATING COMMISSION

The adjudication committee is nominated at the *Sezione di Roma* with the contribution of the President of the INFN and meets after the deadline for the presentation of applications.

The commission gives a total of 100 points.

The qualifications that can be evaluated are:

- degree result;
- PhD;
- doctorate, or equivalent, course;

- specialist diplomas and postgraduate certificates, in Italy or abroad;
- carrying out research at public and private institutions, under contract or grant, whether in Italy or abroad;
- publications.

Art. 6

APPROVAL OF THE LIST

At the end of its work, the commission presents the minutes of its meetings which the list of merit.

The winner is the candidate in first place on the list formulated by the adjudicating commission.

The list is subject to approval by the Executive Council.

Art. 7

AWARD OF THE GRANT, USE OF THE LIST

The grant is conferred by the president of INFN.

In the fifteen days after receiving the letter which the INFN communicates the award of the grant, the winner must either accept or turn down the grant on the conditions given.

If the winner turns down the award or exceeds the deadline, the grant can be assigned, within two months of the approval of the list, to the candidate who second on the list with the approval of the President of the INFN.

Art. 8

PAYMENT OF THE GRANT AND OBLIGATIONS OF THE WINNER OF THE GRANT

The winner must start his/her research at the site assigned between October and December 2012; any requests to bring forward or postpone the start date will be assessed by the executive council of the INFN.

The winner of the grant is obliged:

- to start his/her activities within the dates given above at the site indicated in the confirmation letter;
- to carry out his/her activities regularly and without interruption for the entire duration of the grant;
- to observe all the internal regulations of the INFN.

The winner of the grant who, after starting his/her research activities, does not continue, without just motive, regularly and uninterruptedly for the entire duration of the grant, or who is guilty of serious and repeated misdemeanours or who does not show a good attitude towards carrying out the programme, can be removed from the programme, with justifications from the president of the INFN.

Interruptions in the grant programme can only be justified by serious health problems.

RENEWING THE GRANT

Art. 9

Between the sixtieth and the thirtieth day before the end of the first year of effectively using the grant, the winner of the grant must send to the *Direzione Affari del Personale, Ufficio Borse di Studio e Assegni di Ricerca - Casella Postale 56 - 00044 Frascati (Roma)*, for the attention of the *Direttore della Struttura di assegnazione*, a report on the activities carried out, accompanied by a report by the tutor.

Art. 10

The president of the INFN assesses the renewal of the grant for the second year.

If the research activities have not been carried out correctly by the holder of the grant, the president may cancel further use of the grant.

Art. 11

TREATMENT OF PERSONAL INFORMATION

According to art.13 of D.Lgs. 30 June 2003 no. 196 personal information requested will be collected and treated at the central administration of INFN only for managing contest activities, also using IT procedures, in the manner and limits necessary for these ends.

Conferring data is necessary to evaluate the requisites of participation and the omission of qualifications possessed can bar this evaluation.

Those interested have the rights given in art. 7 of D.L. no. 196/03.

The person responsible for dealing with this information is named by the Director of the Personnel Department of the INFN.

THE PRESIDENT
(*Prof. Roberto Petronzio*)

ISTITUTO NAZIONALE DI FISICA NUCLEARE

GIUNTA ESECUTIVA

DELIBERAZIONE N. 9170

La Giunta Esecutiva dell'Istituto Nazionale di Fisica Nucleare, riunita in Roma il 13 settembre 2011,

visto il Regolamento concernente il conferimento delle borse di studio, che definisce le modalità e i criteri di assegnazione delle borse stesse, approvato con deliberazioni del Consiglio Direttivo nn. 1963 e 2097, rispettivamente in data 25 gennaio e 9 luglio 1985;

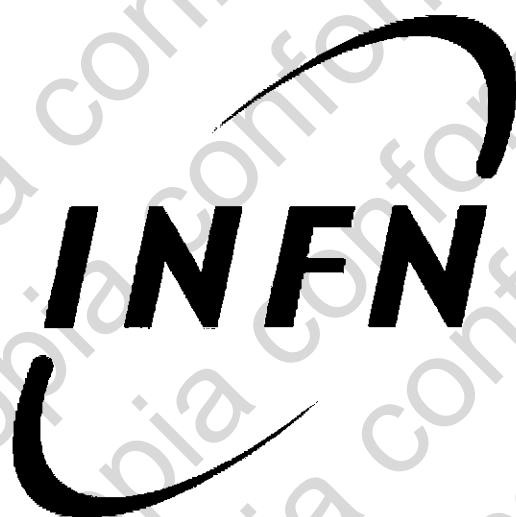
ravvisata l'urgenza di provvedere;

visto l'art. 14, comma 5, lettera b) dello Statuto dell'INFN che consente alla Giunta Esecutiva di sostituire il Consiglio Direttivo in caso di urgenza:

DELIBERA

1. Di bandire un concorso per l'assegnazione di n. 1 borsa di studio post-doctoral per fisici teorici nell'ambito dell'Iniziativa Specifica eccellente RM61 - *"Complex systems"*.
2. La sede di svolgimento del concorso sarà la Sezione di Roma.
3. L'importo della borsa è di Euro 28.000,00 annui al lordo di imposta. Al borsista può inoltre essere esteso il servizio di mensa con le modalità previste per il personale dell'INFN. L'Amministrazione Centrale rimborserà le spese di viaggio da e per il paese di provenienza all'inizio ed al termine della borsa. Tutte le trasferte saranno a carico del Gruppo al quale afferisce il borsista.
4. Per quanto non previsto nell'accluso schema di bando di concorso, che fa parte integrante e sostanziale della presente deliberazione, si fa riferimento al Regolamento per il conferimento delle borse di studio, di cui in premessa.
5. Il relativo onere trova copertura nel capitolo 210310 del bilancio dell'Istituto per gli esercizi finanziari di rispettiva competenza.
6. La presente deliberazione sarà sottoposta a ratifica del Consiglio Direttivo nella prossima riunione, ai sensi dell'art. 14, comma 5, lett. b) dello Statuto dell'INFN.

National Institute of Nuclear Physics



**CONTEST TO AWARD
A GRANT FOR STUDYING
THEORETICAL PHYSICS**

NATIONAL INSTITUTE OF NUCLEAR PHYSICS

Contest for the award of a grant to study theoretical physics

THE PRESIDENT

of the National Institute of Nuclear Physics

- given the regulation concerning the award of study grants, approved after deliberations of Council Directive 1963 and 2097, respectively on 25 January and 9 July 1985;
- given the deliberation of the Executive Committee on 13 September 2011 no. , to ratify:

SETS IN PLACE

Art. 1

GENERAL POINTS

A contest is announced for the award of a grant to study theoretical physics, to be conducted at the *Sezione di Roma*, in the following fields:

"Complex systems"

Preference will be given to candidates who are qualified in theoretical understanding of multi-scale dynamics of brain networks, based on tools and concepts from the theory of disordered systems. Of particular interest will be multi-modular heterogeneous networks of neurons, the characterization of their state space and the associated hierarchy of time scales of their dynamics. He/she should have a background in one or more of the following subjects: modeling of complex systems; theory and simulation of stochastic processes; statistical mechanics of disordered systems; theoretical models of neural networks. A genuine interest in the theoretical understanding of brain dynamics is expected.

The winning candidate can choose one of the INFN Sections listed below as the location for using the grant:

Roma, and Trieste.

A copy of the contest details will be available from INFN Locations and on <http://www.ac.infn.it/>.

The grant may not be combined with other study grants, or with cheques or subsidies of a similar nature. It may not be combined with salaries or payments deriving from public or private funds.

The grant is not attributable to whoever has already been assigned grants from the INFN of a total duration of twenty-four months.

Where the winners of the present contest have already used study grants from the INFN for a period of less than twenty-four months, the new grant attributed can be used up to the completion of the limits given below.

Art. 2

DURATION AND AMOUNT

The study grant, of annual duration, is renewable for a further year according to articles 10 and 11 of

the announcement.

The annual amount of the grant is € 28.000,00. This amount is gross and is paid in advance in monthly payments. The recipient of the grant can also use the canteen service in the same manner as INFN employees.

Travel costs from the grant holder's original location to the INFN site will be reimbursed, both at the start of the grant duration and at the end.

Art. 3

ADMISSION REQUISITES

Foreign citizens and Italian citizens who have returned to Italy after a period of three years spent abroad may participate in the contest. Contestants must be younger than 35 on the deadline for presenting applications and they must have:

a PhD in Physics research, or an equivalent qualification even if obtained abroad;

or

a degree awarded according to the current regulations in D.M. 509/99 or a Specialist Degree or a Teaching Degree according to D.M. 270/04, in Physics or an equivalent qualification awarded in Italy or abroad which consisted of a professional scientific curriculum aimed at carrying out research, that included at least thirty months of postgraduate research of which at least two years were carried out at doctorate level in Italy or abroad.

All the requisites for admission to the contest must be possessed on the deadline date for the presentation of the application as stipulated in art. 4.

Art. 4

TERMS AND CONDITIONS OF THE PRESENTATION OF APPLICATIONS

Applications, in electronic format, must be sent to the INFN by **20 October 2011**.

In order to enrol, candidates must fill in the application form on http://www.ac.infn.it/personale/theo_fellowships/.

The application form must contain:

- a statement of research interests;
- a curriculum vitae;
- three reference letters (specifying name, surname and e-mail of each referee).

Art. 5

THE ADJUDICATING COMMISSION

The adjudication committee is nominated at the *Sezione di Roma* with the contribution of the President of the INFN and meets after the deadline for the presentation of applications.

The commission gives a total of 100 points.

The qualifications that can be evaluated are:

- degree result;
- PhD;
- doctorate, or equivalent, course;
- specialist diplomas and postgraduate certificates, in Italy or abroad;
- carrying out research at public and private institutions, under contract or grant, whether in Italy or abroad;
- publications.

Art. 6

APPROVAL OF THE LIST

At the end of its work, the commission presents the minutes of its meetings which the list of merit.

The winner is the candidate in first place on the list formulated by the adjudicating commission.

The list is subject to approval by the Executive Council.

Art. 7

AWARD OF THE GRANT, USE OF THE LIST

The grant is conferred by the president of INFN.

In the fifteen days after receiving the letter which the INFN communicates the award of the grant, the winner must either accept or turn down the grant on the conditions given.

If the winner turns down the award or exceeds the deadline, the grant can be assigned, within two months of the approval of the list, to the candidate who second on the list with the approval of the President of the INFN.

Art. 8

PAYMENT OF THE GRANT AND OBLIGATIONS OF THE WINNER OF THE GRANT

The winner must start his/her research at the site assigned between October and December 2012; any requests to bring forward or postpone the start date will be assessed by the executive council of the INFN.

The winner of the grant is obliged:

- to start his/her activities within the dates given above at the site indicated in the confirmation letter;
- to carry out his/her activities regularly and without interruption for the entire duration of the grant;
- to observe all the internal regulations of the INFN.

The winner of the grant who, after starting his/her research activities, does not continue, without just motive, regularly and uninterruptedly for the entire duration of the grant, or who is guilty of serious and repeated misdemeanours or who does not show a good attitude towards carrying out the programme, can be removed from the programme, with justifications from the president of the INFN.

Interruptions in the grant programme can only be justified by serious health problems.

RENEWING THE GRANT

Art. 9

Between the sixtieth and the thirtieth day before the end of the first year of effectively using the grant, the winner of the grant must send to the *Direzione Affari del Personale, Ufficio Borse di Studio e Assegni di Ricerca - Casella Postale 56 - 00044 Frascati (Roma)*, for the attention of the *Direttore della Struttura di*

assegnazione, a report on the activities carried out, accompanied by a report by the tutor.

Art. 10

The president of the INFN assesses the renewal of the grant for the second year.

If the research activities have not been carried out correctly by the holder of the grant, the president may cancel further use of the grant.

Art. 11

TREATMENT OF PERSONAL INFORMATION

According to art.13 of D.Lgs. 30 June 2003 no. 196 personal information requested will be collected and treated at the central administration of INFN only for managing contest activities, also using IT procedures, in the manner and limits necessary for these ends.

Conferring data is necessary to evaluate the requisites of participation and the omission of qualifications possessed can bar this evaluation.

Those interested have the rights given in art. 7 of D.L. no. 196/03.

The person responsible for dealing with this information is named by the Director of the Personnel Department of the INFN.

THE PRESIDENT
(Prof. Roberto Petronzio)

ISTITUTO NAZIONALE DI FISICA NUCLEARE

GIUNTA ESECUTIVA

DELIBERAZIONE N. 9171

La Giunta Esecutiva dell'Istituto Nazionale di Fisica Nucleare, riunita in Roma il 13 settembre 2011,

visto il Regolamento concernente il conferimento delle borse di studio, che definisce le modalità e i criteri di assegnazione delle borse stesse, approvato con deliberazioni del Consiglio Direttivo nn. 1963 e 2097, rispettivamente in data 25 gennaio e 9 luglio 1985;

ravvisata l'urgenza di provvedere;

visto l'art. 14, comma 5, lettera b) dello Statuto dell'INFN che consente alla Giunta Esecutiva di sostituire il Consiglio Direttivo in caso di urgenza:

DELIBERA

1. Di bandire un concorso per l'assegnazione di n. 1 borsa di studio post-doctoral per fisici teorici nell'ambito dell'Iniziativa Specifica eccellente TO23 - *"High precision studies of fundamental interactions at present and future colliders"*.
2. La sede di svolgimento del concorso sarà la Sezione di Torino.
3. L'importo della borsa è di Euro 28.000,00 annui al lordo di imposta. Al borsista può inoltre essere esteso il servizio di mensa con le modalità previste per il personale dell'INFN. L'Amministrazione Centrale rimborserà le spese di viaggio da e per il paese di provenienza all'inizio ed al termine della borsa. Tutte le trasferte saranno a carico del Gruppo al quale afferisce il borsista.
4. Per quanto non previsto nell'accluso schema di bando di concorso, che fa parte integrante e sostanziale della presente deliberazione, si fa riferimento al Regolamento per il conferimento delle borse di studio, di cui in premessa.
5. Il relativo onere trova copertura nel capitolo 210310 del bilancio dell'Istituto per gli esercizi finanziari di rispettiva competenza.
6. La presente deliberazione sarà sottoposta a ratifica del Consiglio Direttivo nella prossima riunione, ai sensi dell'art. 14, comma 5, lett. b) dello Statuto dell'INFN.

***National Institute
of Nuclear Physics***

INFN

**CONTEST TO AWARD
A GRANT FOR STUDYING
THEORETICAL PHYSICS**

NATIONAL INSTITUTE OF NUCLEAR PHYSICS

Contest for the award of a grant to study theoretical physics

THE PRESIDENT

of the National Institute of Nuclear Physics

- given the regulation concerning the award of study grants, approved after deliberations of Council Directive 1963 and 2097, respectively on 25 January and 9 July 1985;
- given the deliberation of the Executive Committee on 13 September 2011 no. , to ratify:

SETS IN PLACE

Art. 1

GENERAL POINTS

A contest is announced for the award of a grant to study theoretical physics, to be conducted at the *Sezione di Torino*, in the following fields:

"High precision studies of fundamental interactions at present and future colliders"

Preference will be given to candidates who are qualified in electroweak and Higgs physics at LHC, Montecarlo simulations for electroweak symmetry breaking studies at LHC, multiparton interactions, all-order structure of infrared divergences in gauge theories, B physics and precision determination of the CKM mixing matrix.

The winning candidate will carry out the research activity at the **Torino Section**.

A copy of the contest details will be available from INFN Locations and on <http://www.ac.infn.it/>.

The grant may not be combined with other study grants, or with cheques or subsidies of a similar nature. It may not be combined with salaries or payments deriving from public or private funds.

The grant is not attributable to whoever has already been assigned grants from the INFN of a total duration of twenty-four months.

Where the winners of the present contest have already used study grants from the INFN for a period of less than twenty-four months, the new grant attributed can be used up to the completion of the limits given below.

Art. 2

DURATION AND AMOUNT

The study grant, of annual duration, is renewable for a further year according to articles 10 and 11 of the announcement.

The annual amount of the grant is € 28.000,00. This amount is gross and is paid in advance in monthly payments. The recipient of the grant can also use the canteen service in the same manner as INFN employees.

Travel costs from the grant holder's original location to the INFN site will be reimbursed, both at the start of the grant duration and at the end.

Art. 3

ADMISSION REQUISITES

Foreign citizens and Italian citizens who have returned to Italy after a period of three years spent abroad may participate in the contest. Contestants must be younger than 35 on the deadline for presenting applications and they must have:

a PhD in Physics research, or an equivalent qualification even if obtained abroad;

or

a degree awarded according to the current regulations in D.M. 509/99 or a Specialist Degree or a Teaching Degree according to D.M. 270/04, in Physics or an equivalent qualification awarded in Italy or abroad which consisted of a professional scientific curriculum aimed at carrying out research, that included at least thirty months of postgraduate research of which at least two years were carried out at doctorate level in Italy or abroad.

All the requisites for admission to the contest must be possessed on the deadline date for the presentation of the application as stipulated in art. 4.

Art. 4

TERMS AND CONDITIONS OF THE PRESENTATION OF APPLICATIONS

Applications, in electronic format, must be sent to the INFN by **20 October 2011**.

In order to enrol, candidates must fill in the application form on http://www.ac.infn.it/personale/theo_fellowships/.

The application form must contain:

- a statement of research interests;
- a curriculum vitae;
- three reference letters (specifying name, surname and e-mail of each referee).

Art. 5

THE ADJUDICATING COMMISSION

The adjudication committee is nominated at the *Sezione di Torino* with the contribution of the President of the INFN and meets after the deadline for the presentation of applications.

The commission gives a total of 100 points.

The qualifications that can be evaluated are:

- degree result;
- PhD;
- doctorate, or equivalent, course;
- specialist diplomas and postgraduate certificates, in Italy or abroad;
- carrying out research at public and private institutions, under contract or grant, whether in Italy or abroad;

- publications.

Art. 6

APPROVAL OF THE LIST

At the end of its work, the commission presents the minutes of its meetings which the list of merit.

The winner is the candidate in first place on the list formulated by the adjudicating commission.

The list is subject to approval by the Executive Council.

Art. 7

AWARD OF THE GRANT, USE OF THE LIST

The grant is conferred by the president of INFN.

In the fifteen days after receiving the letter which the INFN communicates the award of the grant, the winner must either accept or turn down the grant on the conditions given.

If the winner turns down the award or exceeds the deadline, the grant can be assigned, within two months of the approval of the list, to the candidate who second on the list with the approval of the President of the INFN.

Art. 8

PAYMENT OF THE GRANT AND OBLIGATIONS OF THE WINNER OF THE GRANT

The winner must start his/her research at the site assigned between October and December 2012; any requests to bring forward or postpone the start date will be assessed by the executive council of the INFN.

The winner of the grant is obliged:

- to start his/her activities within the dates given above at the site indicated in the confirmation letter;
- to carry out his/her activities regularly and without interruption for the entire duration of the grant;
- to observe all the internal regulations of the INFN.

The winner of the grant who, after starting his/her research activities, does not continue, without just motive, regularly and uninterruptedly for the entire duration of the grant, or who is guilty of serious and repeated misdemeanours or who does not show a good attitude towards carrying out the programme, can be removed from the programme, with justifications from the president of the INFN.

Interruptions in the grant programme can only be justified by serious health problems.

RENEWING THE GRANT

Art. 9

Between the sixtieth and the thirtieth day before the end of the first year of effectively using the grant, the winner of the grant must send to the *Direzione Affari del Personale, Ufficio Borse di Studio e Assegni di Ricerca - Casella Postale 56 - 00044 Frascati (Roma)*, for the attention of the *Direttore della Struttura di assegnazione*, a report on the activities carried out, accompanied by a report by the tutor.

Art. 10

The president of the INFN assesses the renewal of the grant for the second year.

If the research activities have not been carried out correctly by the holder of the grant, the president may cancel further use of the grant.

Art. 11

TREATMENT OF PERSONAL INFORMATION

According to art.13 of D.Lgs. 30 June 2003 no. 196 personal information requested will be collected and treated at the central administration of INFN only for managing contest activities, also using IT procedures, in the manner and limits necessary for these ends.

Conferring data is necessary to evaluate the requisites of participation and the omission of qualifications possessed can bar this evaluation.

Those interested have the rights given in art. 7 of D.L. no. 196/03.

The person responsible for dealing with this information is named by the Director of the Personnel Department of the INFN.

THE PRESIDENT
(*Prof. Roberto Petronzio*)

ISTITUTO NAZIONALE DI FISICA NUCLEARE

GIUNTA ESECUTIVA

DELIBERAZIONE N. 9172

La Giunta Esecutiva dell'Istituto Nazionale di Fisica Nucleare, riunita in Roma il 13 settembre 2011,

visto il Regolamento concernente il conferimento delle borse di studio, che definisce le modalità e i criteri di assegnazione delle borse stesse, approvato con deliberazioni del Consiglio Direttivo nn. 1963 e 2097, rispettivamente in data 25 gennaio e 9 luglio 1985;

ravvisata l'urgenza di provvedere;

visto l'art. 14, comma 5, lettera b) dello Statuto dell'INFN che consente alla Giunta Esecutiva di sostituire il Consiglio Direttivo in caso di urgenza:

DELIBERA

1. Di bandire un concorso per l'assegnazione di n. 1 borsa di studio post-doctoral per fisici teorici nell'ambito dell'iniziativa Specifica eccellente TO31 - "*Spin Physics and the Proton Structure*".
2. La sede di svolgimento del concorso sarà la Sezione di Torino.
3. L'importo della borsa è di Euro 28.000,00 annui al lordo di imposta. Al borsista può inoltre essere esteso il servizio di mensa con le modalità previste per il personale dell'INFN. L'Amministrazione Centrale rimborserà le spese di viaggio da e per il paese di provenienza all'inizio ed al termine della borsa. Tutte le trasferte saranno a carico del Gruppo al quale afferisce il borsista.
4. Per quanto non previsto nell'accluso schema di bando di concorso, che fa parte integrante e sostanziale della presente deliberazione, si fa riferimento al Regolamento per il conferimento delle borse di studio, di cui in premessa.
5. Il relativo onere trova copertura nel capitolo 210310 del bilancio dell'Istituto per gli esercizi finanziari di rispettiva competenza.
6. La presente deliberazione sarà sottoposta a ratifica del Consiglio Direttivo nella prossima riunione, ai sensi dell'art. 14, comma 5, lett. b) dello Statuto dell'INFN.

***National Institute
of Nuclear Physics***

INFN

**CONTEST TO AWARD
A GRANT FOR STUDYING
THEORETICAL PHYSICS**

NATIONAL INSTITUTE OF NUCLEAR PHYSICS

Contest for the award of a grant to study theoretical physics

THE PRESIDENT

of the National Institute of Nuclear Physics

- given the regulation concerning the award of study grants, approved after deliberations of Council Directive 1963 and 2097, respectively on 25 January and 9 July 1985;
- given the deliberation of the Executive Committee on 13 September 2011 no. , to ratify:

SETS IN PLACE

Art. 1

GENERAL POINTS

A contest is announced for the award of a grant to study theoretical physics, to be conducted at the *Sezione di Torino*, in the following fields:

"Spin Physics and the Proton Structure"

Preference will be given to candidates who are qualified in the partonic structure of the nucleon, with particular interest in the 3-dimensional momentum distribution of quarks and partons inside protons and neutrons. She/he is expected to be involved in activities concerning basic QCD formalisms and/or phenomenological analysis of experimental data of polarized and unpolarized processes and/or modeling of transverse momentum dependent parton distribution and fragmentation functions.

The winning candidate can choose one of the INFN Sections listed below as the location for using the grant:

Gruppo Collegato di Alessandria, Cagliari, Milano and Torino.

A copy of the contest details will be available from INFN Locations and on <http://www.ac.infn.it/>.

The grant may not be combined with other study grants, or with cheques or subsidies of a similar nature. It may not be combined with salaries or payments deriving from public or private funds.

The grant is not attributable to whoever has already been assigned grants from the INFN of a total duration of twenty-four months.

Where the winners of the present contest have already used study grants from the INFN for a period of less than twenty-four months, the new grant attributed can be used up to the completion of the limits given below.

Art. 2

DURATION AND AMOUNT

The study grant, of annual duration, is renewable for a further year according to articles 10 and 11 of the announcement.

The annual amount of the grant is € 28.000,00. This amount is gross and is paid in advance in monthly payments. The recipient of the grant can also use the canteen service in the same manner as INFN employees.

Travel costs from the grant holder's original location to the INFN site will be reimbursed, both at the start of the grant duration and at the end.

Art. 3

ADMISSION REQUISITES

Foreign citizens and Italian citizens who have returned to Italy after a period of three years spent abroad may participate in the contest. Contestants must be younger than 35 on the deadline for presenting applications and they must have:

a PhD in Physics research, or an equivalent qualification even if obtained abroad;

or

a degree awarded according to the current regulations in D.M. 509/99 or a Specialist Degree or a Teaching Degree according to D.M. 270/04, in Physics or an equivalent qualification awarded in Italy or abroad which consisted of a professional scientific curriculum aimed at carrying out research, that included at least thirty months of postgraduate research of which at least two years were carried out at doctorate level in Italy or abroad.

All the requisites for admission to the contest must be possessed on the deadline date for the presentation of the application as stipulated in art. 4.

Art. 4

TERMS AND CONDITIONS OF THE PRESENTATION OF APPLICATIONS

Applications, in electronic format, must be sent to the INFN by **20 October 2011**.

In order to enrol, candidates must fill in the application form on http://www.ac.infn.it/personale/theo_fellowships/.

The application form must contain:

- a statement of research interests;
- a curriculum vitae;
- three reference letters (specifying name, surname and e-mail of each referee).

Art. 5

THE ADJUDICATING COMMISSION

The adjudication committee is nominated at the *Sezione di Torino* with the contribution of the President of the INFN and meets after the deadline for the presentation of applications.

The commission gives a total of 100 points.

The qualifications that can be evaluated are:

- degree result;

- PhD;
- doctorate, or equivalent, course;
- specialist diplomas and postgraduate certificates, in Italy or abroad;
- carrying out research at public and private institutions, under contract or grant, whether in Italy or abroad;
- publications.

Art. 6

APPROVAL OF THE LIST

At the end of its work, the commission presents the minutes of its meetings which the list of merit.

The winner is the candidate in first place on the list formulated by the adjudicating commission.

The list is subject to approval by the Executive Council.

Art. 7

AWARD OF THE GRANT, USE OF THE LIST

The grant is conferred by the president of INFN.

In the fifteen days after receiving the letter which the INFN communicates the award of the grant, the winner must either accept or turn down the grant on the conditions given.

If the winner turns down the award or exceeds the deadline, the grant can be assigned, within two months of the approval of the list, to the candidate who second on the list with the approval of the President of the INFN.

Art. 8

PAYMENT OF THE GRANT AND OBLIGATIONS OF THE WINNER OF THE GRANT

The winner must start his/her research at the site assigned between October and December 2012; any requests to bring forward or postpone the start date will be assessed by the executive council of the INFN.

The winner of the grant is obliged:

- to start his/her activities within the dates given above at the site indicated in the confirmation letter;
- to carry out his/her activities regularly and without interruption for the entire duration of the grant;
- to observe all the internal regulations of the INFN.

The winner of the grant who, after starting his/her research activities, does not continue, without just motive, regularly and uninterruptedly for the entire duration of the grant, or who is guilty of serious and repeated misdemeanours or who does not show a good attitude towards carrying out the programme, can be removed from the programme, with justifications from the president of the INFN.

Interruptions in the grant programme can only be justified by serious health problems.

RENEWING THE GRANT

Art. 9

Between the sixtieth and the thirtieth day before the end of the first year of effectively using the grant, the winner of the grant must send to the *Direzione Affari del Personale, Ufficio Borse di Studio e Assegni di Ricerca - Casella Postale 56 - 00044 Frascati (Roma)*, for the attention of the *Direttore della Struttura di assegnazione*, a report on the activities carried out, accompanied by a report by the tutor.

Art. 10

The president of the INFN assesses the renewal of the grant for the second year.

If the research activities have not been carried out correctly by the holder of the grant, the president may cancel further use of the grant.

Art. 11

TREATMENT OF PERSONAL INFORMATION

According to art.13 of D.Lgs. 30 June 2003 no. 196 personal information requested will be collected and treated at the central administration of INFN only for managing contest activities, also using IT procedures, in the manner and limits necessary for these ends.

Conferring data is necessary to evaluate the requisites of participation and the omission of qualifications possessed can bar this evaluation.

Those interested have the rights given in art. 7 of D.L. no. 196/03.

The person responsible for dealing with this information is named by the Director of the Personnel Department of the INFN.

THE PRESIDENT
(Prof. Roberto Petronzio)

ISTITUTO NAZIONALE DI FISICA NUCLEARE

GIUNTA ESECUTIVA

DELIBERAZIONE N. 9173

La Giunta Esecutiva dell'Istituto Nazionale di Fisica Nucleare, riunita in Roma il 13 settembre 2011,

visto il Regolamento concernente il conferimento delle borse di studio, che definisce le modalità e i criteri di assegnazione delle borse stesse, approvato con deliberazioni del Consiglio Direttivo nn. 1963 e 2097, rispettivamente in data 25 gennaio e 9 luglio 1985;

ravvisata l'urgenza di provvedere;

visto l'art. 14, comma 5, lettera b) dello Statuto dell'INFN che consente alla Giunta Esecutiva di sostituire il Consiglio Direttivo in caso di urgenza:

DELIBERA

1. Di bandire un concorso per l'assegnazione di n. 1 borsa di studio post-doctoral per fisici teorici nell'ambito dell'Iniziativa Specifica eccellente TV62 - "*Complex fluid dynamics*".
2. La sede di svolgimento del concorso sarà la Sezione di Roma Tor Vergata.
3. L'importo della borsa è di Euro 28.000,00 annui al lordo di imposta. Al borsista può inoltre essere esteso il servizio di mensa con le modalità previste per il personale dell'INFN. L'Amministrazione Centrale rimborserà le spese di viaggio da e per il paese di provenienza all'inizio ed al termine della borsa. Tutte le trasferte saranno a carico del Gruppo al quale afferisce il borsista.
4. Per quanto non previsto nell'accluso schema di bando di concorso, che fa parte integrante e sostanziale della presente deliberazione, si fa riferimento al Regolamento per il conferimento delle borse di studio, di cui in premessa.
5. Il relativo onere trova copertura nel capitolo 210310 del bilancio dell'Istituto per gli esercizi finanziari di rispettiva competenza.
6. La presente deliberazione sarà sottoposta a ratifica del Consiglio Direttivo nella prossima riunione, ai sensi dell'art. 14, comma 5, lett. b) dello Statuto dell'INFN.

***National Institute
of Nuclear Physics***

INFN

**CONTEST TO AWARD
A GRANT FOR STUDYING
THEORETICAL PHYSICS**

NATIONAL INSTITUTE OF NUCLEAR PHYSICS

Contest for the award of a grant to study theoretical physics

THE PRESIDENT

of the National Institute of Nuclear Physics

- given the regulation concerning the award of study grants, approved after deliberations of Council Directive 1963 and 2097, respectively on 25 January and 9 July 1985;
- given the deliberation of the Executive Committee on 13 September 2011 no. , to ratify:

SETS IN PLACE

Art. 1

GENERAL POINTS

A contest is announced for the award of a grant to study theoretical physics, to be conducted at the *Sezione di Roma Tor Vergata*, in the following fields:

“Complex fluid dynamics”

Preference will be given to candidates who are qualified in Theoretical Physics, Statistical Mechanics, Applied Math, Computational Fluid Dynamics and Engineering, with knowledge in the framework of Complex fluids dynamics, Eulerian and Lagrangian Turbulence, Magneto hydrodynamics, Lattice Boltzmann algorithms, multiphase flows, soft-matter, complex rheology.

The winning candidate can choose one of the INFN Sections listed below as the location for using the grant:

Roma Tor Vergata, Bari, Cagliari, Ferrara, Genova, Lecce and Torino

A copy of the contest details will be available from INFN Locations and on <http://www.ac.infn.it/>.

The grant may not be combined with other study grants, or with cheques or subsidies of a similar nature. It may not be combined with salaries or payments deriving from public or private funds.

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a degree awarded according to the current regulations in D.M. 509/99 or a Specialist Degree or a Teaching Degree according to D.M. 270/04, in Physics or an equivalent qualification awarded in Italy or abroad which consisted of a professional scientific curriculum aimed at carrying out research, that included at least thirty months of postgraduate research of which at least two years were carried out at doctorate level in Italy or abroad.

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The winner of the grant is obliged:

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- to observe all the internal regulations of the INFN.

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RENEWING THE GRANT

Art. 9

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THE PRESIDENT
(Prof. Roberto Petronzio)