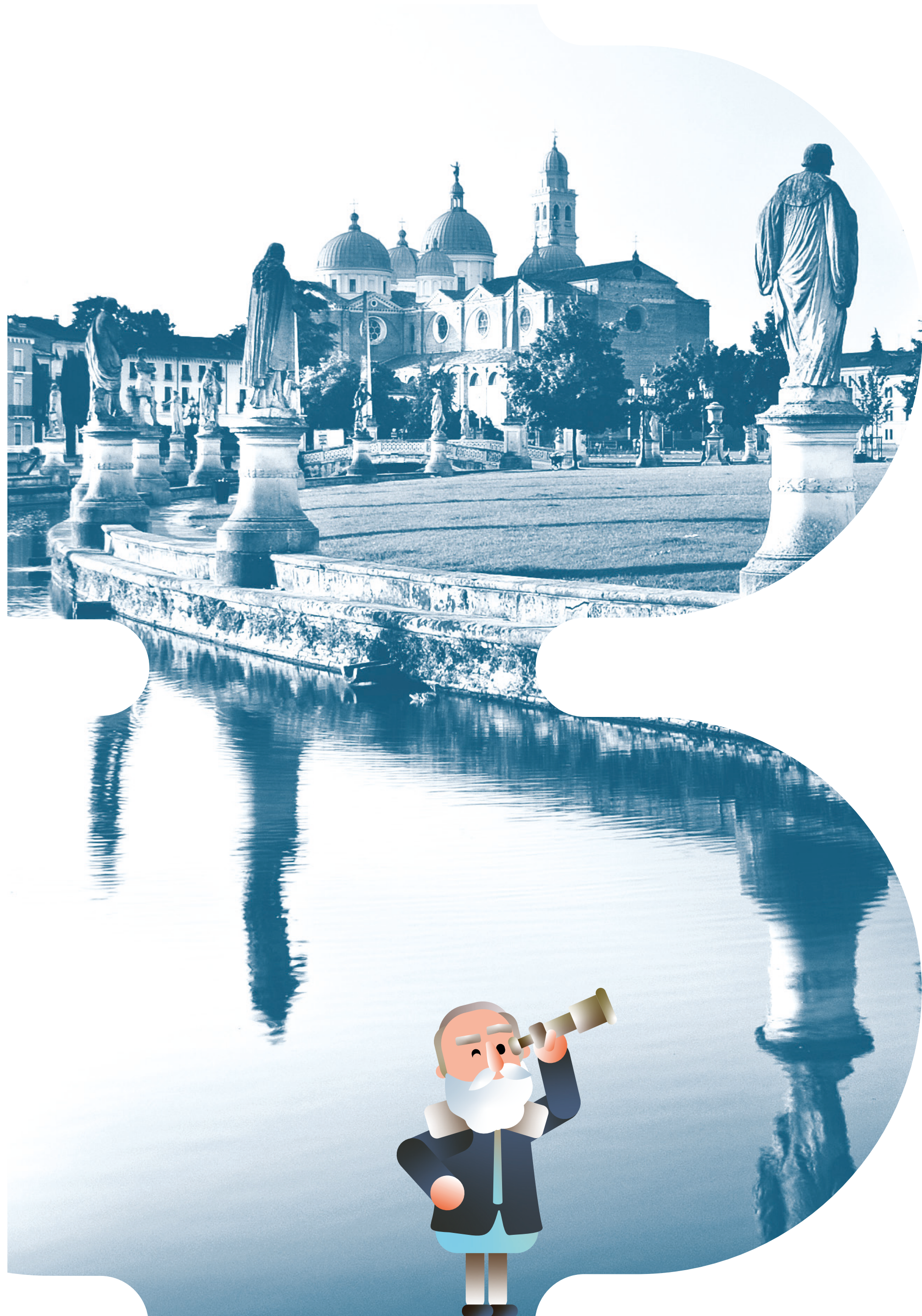


SRF 2027 PADUA

23RD INTERNATIONAL CONFERENCE
ON RF SUPERCONDUCTIVITY

SRF



JUNE 24 / 26
TUTORIALS

MILAN

📍 *University "La Statale"*

JUNE 27 / JULY 02
CONFERENCE
PADUA

📍 *Padova congress*

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Scientific program topics

- › **SRF Facilities:** ongoing projects, future projects, operational experience and lessons learned
- › **Fundamental SRF research and development:** theoretical advancements, high quality factors/high gradients, new materials beyond niobium, thin films and multi-layer structures
- › **SRF cavities:** cavity design/fabrication/preparation/tuning, Nb bulk cavities, thin film cavities, Nb₃Sn cavities, non-Nb cavities, novel structure, diagnostics for cavity test
- › **SRF technologies:** tuners, input couplers/higher-order mode couplers and dampers, assembly/integration, low-level rf control/microphonics, rf sources, control system (interlock, protection)
- › **SRF applications:** small industrial accelerators, medical applications, quantum computing applications, detector applications for physics experiments



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