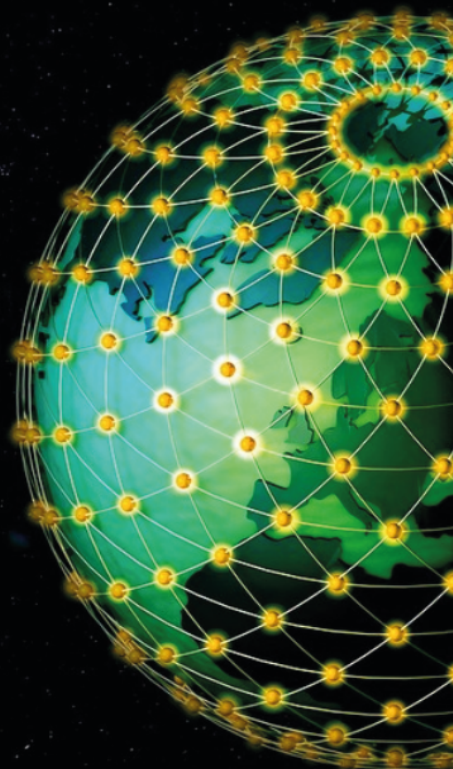


Short Master on Management of Terrestrial and Non-Terrestrial network infrastructures



Purpose of the Short Master

A persistent digital divide affects nearly 3 billion people worldwide. This challenge needs the development of integrated networks combining terrestrial and non-terrestrial technologies, offering potential solutions for the upcoming 6G era. In this context, the Short Master aims to enrich knowledge in the management of integrated terrestrial and non-terrestrial networks, covering topics such as propagation channels, enabling technologies, network infrastructure management, and cybersecurity. By focusing on advanced network technologies, management skills, cybersecurity, and emerging applications, the program fosters the development of skills needed to contribute to 6G research, development, and commercialization.

Admission requirements

The Short Master is open to who already obtained a master's degree or gained at least one year of professional experience by the deadline of this call.

Costs

Competition tax € 30.00. Registration fees of € 250.00. For PhD students, research fellows, researchers, and professors from institutions affiliated with the PNRR PE RESTART Partnership, as well as for employees of companies, spin-offs, and start-ups affiliated with the PNRR PE RESTART Partnership, there are no registration fees for the Short Master.

Application deadline

25 November 2024

Teaching organization

The course consists of 4 ECTS and is delivered in English via distance learning, one session of 4h per week (Friday or Saturday), for 10 consecutive weeks. Contents are organized into five specialized modules, provided by lecturers from the Politecnico di Bari and other Partners.

A final examination is required for the acquisition of training credits.

Modules	Tentative speakers' affiliations
Module 1 From channel to enabling technologies for T/NT networks	✓ Politecnico di Bari ✓ Università degli Studi Firenze
Module 2 From technology to value: opportunities and risks	✓ Politecnico di Bari
Module 3 Modeling and testing Integrated T/NT Networks	✓ Politecnico di Bari
Module 4 Cybersecurity aspects in T/NT networks	✓ Politecnico di Bari ✓ Agenzia Spaziale Italia ✓ Fondazione Ugo Bordoni ✓ Eindhoven University of Technology
Module 5 Integrated T/NT Networks from companies' perspective	✓ Windtre ✓ Open Fiber ✓ Telespazio, a Leonardo and Thales company

Scientific Committee

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Prof.ssa Giovanna Calò, Prof. Alessio Fascista, Prof. Giovanni Magno.

Funding details

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For further details, please, have a look to:

<http://www.poliba.it/didattica/master>

https://www.poliba.it/sites/default/files/master/bando_short_master_management_network_infrastructures.pdf