



FOURIER

Newsletter #1

Welcome to the first FOURIER Project Newsletter!

Welcome to the first edition of the FOURIER Project newsletter. This newsletter brings together the latest updates, key developments, project news, and upcoming activities shaping the progress of FOURIER.

The Project

The FOURIER project (**InnOvative ArtiFicial Intelligence methodologies for monitoRing and maintaining large-scale complex infrastrUctures, contributing to greener, more resilient, and smarter societies**) is a Horizon Europe Doctoral Network, coordinated by Politecnico di Torino (**POLITO**), focused on developing innovative AI-driven methods for monitoring, inspecting, and maintaining large-scale critical infrastructure. Through a series of interconnected research projects, FOURIER aims to improve the resilience, safety, and sustainability of complex infrastructure systems.

The project provides advanced research training and cross-sector mobility opportunities for 15 Doctoral Candidates (DCs), while also promoting knowledge exchange through workshops, schools, and an upcoming MOOC. Bringing together academic, research, and industry partners from across Europe, FOURIER fosters interdisciplinary collaboration to support smarter and more resilient societies.

Consortium distribution



Meet the FOURIER Consortium

The FOURIER project brings together a diverse consortium committed to innovative research training and knowledge exchange for Doctoral Candidates. Meet the FOURIER Consortium, whose partners support DCs with expertise and real-world perspectives to help them grow academically and professionally.

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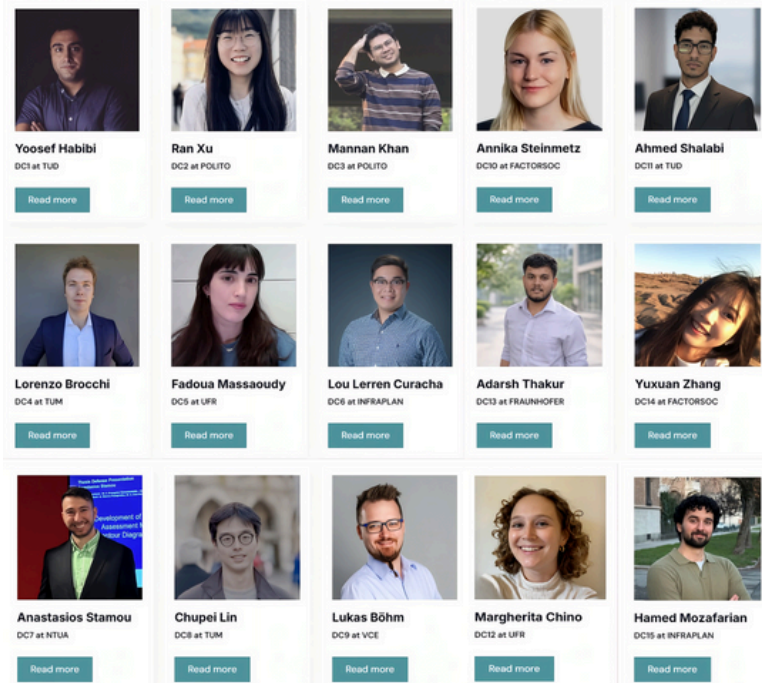
FOURIER

AI-DRIVEN SMART INFRASTRUCTURE DOCTORAL NETWORK

Meet our Doctoral Candidates

Over the past year, all Doctoral Candidates (DCs) of the FOURIER project have been successfully recruited and approved by the consortium. The DC team is highly international, bringing together researchers from ten countries worldwide, including Iran, India, China, Italy, Pakistan, Morocco, the Philippines, Greece, Germany, and Egypt. This diversity reflects the project's strong commitment to creating a multidisciplinary and multicultural research environment that supports innovation in digital approaches to bridge and infrastructure management

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1st FOURIER Training School

The 1st FOURIER Training School will take place from 3–5 February 2026 at Valentino Castle, part of the Faculty of Architecture of the Politecnico di Torino, and will bring together PhD candidates, academics, and industry experts for three days of focused learning and collaboration on AI-driven infrastructure monitoring and resilience.

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