



Funded by
the European Union
NextGenerationEU



Ministero
dell'Università
e della Ricerca



Italiadomani
PIANO NAZIONALE
DI RIPRESA E RESILIENZA

GENERAL CONFERENCE ROME 10/12 DEC 2025

Centro Congressi
Precise House
Mantegna

Via A. Mantegna 130 Roma



Future
Artificial
Intelligence
Research

GENERAL
CONFERENCE
ROME
10/12 DEC

POSTER SESSION FAIR YOUNG RESEARCHERS GIOVEDÌ 11 DICEMBRE

ore 11 - 11-30 **Spoke 9 - Francesco Scala (ICAR-CNR)**, Efficiency, Evasion, and Influence: Three Advances in Green-Aware AI Systems

Spoke 1 - Francesco Giannini (Scuola Normale Superiore), Grounding Methods for Neural-Symbolic AI

Spoke 7 - Francesca Matrone (Politecnico di Torino), Neuro-Symbolic AI for point cloud semantic segmentation of Architectural Heritage point clouds

Spoke 2 - Giovanni Bonetta (Fondazione Bruno Kessler), Learning When to Ask: Entropy-Gated Vision-Language Guidance in Reinforcement Learning

Spoke 6 - Luigi Quaranta (Università degli studi di Bari Aldo Moro), Self-monitoring of Developers' Emotions: The Case of Agile Retrospective Meetings

Spoke 3 - Antonio Galli (Università degli studi di Napoli "Federico II"), Resilient Artificial Intelligence Approaches for Secure Autonomous Transportation

Spoke 2- Paolo Morettin (Università degli studi di Trento), Towards Probabilistic Verification of ML models via Weighted Model Integration

Spoke 8 - Luca Clissa (Alma Mater Studiorum Università di Bologna), Advancing Cell-to-Track Association in ATLAS Using Point Cloud Machine Learning

Spoke 1 - Mattia Setzu (Università degli studi di Pisa), Group Explainability through Local Approximation

PROGRAMMA

GENERAL
CONFERENCE
ROME
10/12 DEC

POSTER SESSION FAIR YOUNG RESEARCHERS GIOVEDÌ 11 DICEMBRE

Spoke 4 - Matteo Bollini (Politecnico di Milano), Online
Bayesian Persuasion Without a Clue

Spoke 3 - Valerio Guarrasi (Università Campus Biomedico di Roma), Resilient Mask-Aware Transformers for Learning from Incomplete Healthcare Data

Spoke 10 - Simone Carnemolla (Università di Catania),
DEXTER: Diffusion-Guided EXplanations with TExtual Reasoning for Vision Models

Spoke 4 - Micol Spitale (Politecnico di Milano), Small but Fair!
Fairness for Multimodal Human-Human and Robot-Human
Mental Wellbeing Coaching

Spoke 5 - Nicola Scianca (Sapienza Università di Roma),
Robust Humanoid Locomotion in Complex Environments

Innovation Grant - Giuseppe Lamanna (Lutech), A novel AI
approach for the diagnosis of Alzheimer's Disease from multi-
modal incomplete data

Spoke 10 - Annalisa Coriolano (Istituto Italiano di Tecnologia),
From Growth to Characterization: AI-Guided Synthesis and
Transformer-Based Spectral Unmixing of 2D Materials

GENERAL
CONFERENCE
ROME
10/12 DEC

POSTER SESSION FAIR YOUNG RESEARCHERS GIOVEDÌ 11 DICEMBRE

ore 16.30 - 17

Spoke 7 - Marco Rondina (Politecnico di Torino), Responsible development and use of AI: from principles to practices

Spoke 3 - Ciro Mennella (ICAR-CNR), Resilient and Fairness-Aware AI Systems for Healthcare Monitoring Applications

Spoke 7 - Davide Sferrazza (Politecnico di Torino), To Match or Not to Match: Revisiting Image Matching for Reliable Visual Place Recognition

Spoke 2 - Tommaso Campari (Fondazione Bruno Kessler), PersONAL: Towards a Comprehensive Benchmark for Personalized Embodied Agents

Spoke 8 - Francesca Lizzi (INFN), Optimizing Resource-Demanding MRI Analysis for MGMT Prediction in Glioblastoma: methodological challenges

Spoke 5 - Silvia Marconi (Sapienza Università di Roma), From Time Series to Images: CNN-Based Prediction of Financial Market Trends

Spoke 8 - Francesco Sensi (INFN), Clinicians' Perspectives on AI Adoption in Healthcare: a survey in the framework of the Spoke 8 FAIR project

Spoke 9 - Behzad Pirouz (Università della Calabria), Generative AI in Optimal Management of Battery Energy Storage Systems with Renewable Energy

Spoke 4 - Filippo Lazzati (Politecnico di Milano), Towards Theoretical Understanding of Inverse Reinforcement Learning

**GENERAL
CONFERENCE
ROME
10/12 DEC**

POSTER SESSION FAIR YOUNG RESEARCHERS GIOVEDÌ 11 DICEMBRE

Spoke 10 - Giovanni Bellitto (Università di Catania),

Dream2Learn: Wake/Sleep-inspired Representation Structuring
for Continual Learning

**Spoke 5 (BaC) - Stefano Tortora (Università degli studi di
Padova),** INTELLEXXO: Intelligent Lower Limb Exoskeleton

**Spoke 6 - Giuseppina Andresini (Università degli studi di Bari
Aldo Moro),** OLIVANDER: Exploiting Counterfactuals to Craft
Adversarial Malware in Windows PE

**Spoke 9 (BaC) - Muhammad Suffian (Università degli studi di
Reggio Calabria),** A Green AI Approach for EEG-Based
Classification of Alzheimer's and Creutzfeldt-Jakob Diseases
Using a Lightweight Transformer Model

Spoke 1 - Nicola Messina (ISTI-CNR), Fine-grained
Understanding in Vision-Language Models

**Spoke 6 - Lorenzo Pulito - Piero Marra (Università degli studi
di Bari Aldo Moro),** Proportionality as a parameter for the design
and development of symbiotic AI systems

PROGRAMMA