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PIANO NAZIONALE
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GENERAL CONFERENCE ROME 10/12 DEC 2025

Centro Congressi

Precise House
Mantegna

Via A. Mantegna 130 Roma



Future
Artificial
Intelligence
Research

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**POSTER SESSION FAIR YOUNG RESEARCHERS
SESSIONE ONLINE**

Spoke 1 - Maddalena Amendola (Università degli studi di Pisa), Gender Disparities in StackOverflow's Community-Based Question Answering: A Matter of Quantity versus Quality

Spoke 1 - Gizem Gezici (SNS), Perspectives in Play: A Multi-Perspective Approach for More Inclusive NLP Systems

Spoke 1 - Sezer Kutluk & Marzio Di Vece (SNS), Designing Trust: Generative AI Across Risk Tiers

Spoke 2 - Gabriele Masina (Università degli studi di Trento), On CNF Conversion for SAT and SMT Enumeration

Spoke 3 - Stefano Guadagno (Università degli studi di Napoli "Federico II"), Artificial Intelligence at work and privacy consideration

Spoke 3 - Roberto Rondinelli (Università degli studi di Napoli "Federico II"), Missingness as Network Structure: Identifying Mechanisms and Imputation Strategies

Spoke 3 - Michela Gravina (Università degli studi di Napoli "Federico II"), Assessing Demographic Bias in Brain Age Prediction Models Using Multiple Deep Learning Paradigms

Spoke 5 - Simone Bordoni (Sapienza Università di Roma), Quantum noise modeling through Reinforcement Learning

Spoke 5 - Johannes Brustle (Sapienza Università di Roma), The Panel Complexity of Sortition: Is 12 Angry Men Enough?

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Spoke 5 - Maria Sofia Bucarelli (Sapienza Università di Roma),
Leveraging Inter-rater Agreement for Classification in the Presence
of Noisy Labels

Spoke 5 - Andrea Cacioppo (Sapienza Università di Roma),
Efficient Graph Coloring with Neural Networks: A Physics-Inspired
Approach for Large Graphs

Spoke 5 - Lorenzo Colantonio (Sapienza Università di Roma),
Equivariant GNNs: A New Path to Robust Community Detection

Spoke 5 - Alberto Fachechi (Sapienza Università di Roma), Multi-
channel pattern reconstruction through L-directional associative
memories

Spoke 5 - Gabriele Pignalberi (Sapienza Università di Roma),
Predicting unknown viral host using Dynamic Positive-Unlabeled
learning

Spoke 5 - Elena Umili (Sapienza Università di Roma), Injecting
Logical Knowledge in Deep Autoregressive Models

Spoke 5 - Marco Napoleone (UNIROMA3), From Embedding Space
to Real-World Records: Domain-Constrained Data Augmentation for
Entity Resolution

**Spoke 6 - Miriana Calvano (Università degli studi di Bari Aldo
Moro),** A Symbiotic-by-Design Approach to Integrate Large
Language Models in Usability Tests

Spoke 6 - Abeer Dyoub (Università degli studi di Bari Aldo Moro),
Towards a Verifiable Risk-Based Ethical Decision Making Models
with Fuzzy Logic

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Spoke 6 - Francesco Benedetti (Università degli studi di Bari Aldo Moro), A synthetic data generator for training risky user detectors in social networks

Spoke 6 - Luca Lobascio (Università degli studi di Bari Aldo Moro), The Role of XAI in Cybersecurity: Exploring Robustness of Adversarial Training in Windows PE Malware Detection

Spoke 6 - Vincenzo Pasquadibisceglie (Università degli studi di Bari Aldo Moro), Leveraging a Large Language Model to Predict Hospital Admissions of Emergency Department Patients

Spoke 6 - Grazia Ragone (Università degli studi di Bari Aldo Moro), Symbiotic Child-AI: A Rights-Aligned Metric Framework

Spoke 6 - Celeste Sguera (Università degli studi di Bari Aldo Moro), A Sustainable Multi-View Approach for the Classification of Legal Judgments based on Textual and Hierarchical Citation Representations

Spoke 6 - Gianluca Zaza (Università degli studi di Bari Aldo Moro), Exploring the Expressive Power of Large Language Models in Neuro-Fuzzy System Explainability: A Study on EEG-Based Seizure Detection

Spoke 7 - Giovanni Barbarani (Politecnico di Torino), Scale-Free Image Keypoints Using Differentiable Persistent Homology

Spoke 7 - Leroy Pierrick (Politecnico di Torino), Attributes Shape the Embedding Space of Face Recognition Models

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Spoke 9 - Riccardo Cantini (Università della Calabria), Advancing Green and Fair AI: A Research Perspective on Environmental and Social Sustainability

Spoke 9 - Riccardo Michielan (Gran Sasso Science Institute), The planted clique problem on geometric graphs

Spoke 10 - Salvatore Calcagno (Università di Catania), Decoding Attention from the Visual Cortex: fMRI-based Prediction of Human Saliency

Spoke 10 - Claudia Cavallaro (Università di Catania), From Theoretical Optimization to Real-World Applications: Centrality-Based and Heuristic Approaches for Anomaly Detection in Complex Networks

Spoke 10 - Georgia Fargetta (Università di Catania), Computer Vision Applications and Intelligent Modeling within the FAIR Project

Spoke 10 - Francesco Guarnera (Università di Catania), Integrating Artificial Intelligence and FAIR Principles for Robust Brain Image Analysis

Spoke 10 - Matteo Pennisi (Università di Catania), Pre-Forgettable Models: Prompt Learning as a Native Mechanism for Unlearning

Spoke 10 - Federica Proietto Salantri (Università di Catania), SAM-Guided Prompt Learning for Multiple Sclerosis Lesion Segmentation

Spoke 10 - Fabio Rossi (INFN), STREAM-AI: Streaming Readout Educational Assistant for modern AI DAQ