GENERAL CONFERENCE FAIR 2025

YOUNG RESEARCHERS POSTER SESSION

Poster selezionati per la Young Researchers Poster Session della General Conference del progetto FAIR (10 – 11 - 12 dicembre 2025, Roma):

N.	Nome	Cognome	Ente di appartenenza	Spoke	Titolo
1	Maddalena	Amendola	UNIPI	1	Gender Disparities in StackOverflow's Community-Based Question Answering: A Matter of Quantity versus Quality
2	Clara Punzi, António Maria Lage De Sousa Leitão, Roberto Pellungrini		SNS	1	"I know that I don't know... and I can explain why" - Interpretable abstention via counterfactual explanations
3	Gizem Gezici	Gezici	SNS	1	Perspectives in Play: A Multi-Perspective Approach for More Inclusive NLP Systems
4	Francesco Giannini & Martino Ciaperoni		SNS	1	Grounding Methods for Neural-Symbolic AI
5	Vito	Giordano	UNIPI	1	LLMs for R&D Management: Comparing Generative and Traditional LLM Approaches in R&D Specific Domain
6	Nicola	Messina	ISTI-CNR	1	Fine-grained Understanding in Vision-Language Models
7	Fabrizio	Ruffini	UNIPI	1	"Consistent Post-Hoc Explainability in Federated Learning"
8	Sezer Kutluk & Marzio Di Vece		SNS	1	Designing Trust: Generative AI Across Risk Tiers
9	Mattia	Setzu	UNIPI	1	Group Explainability through Local Approximation
10	Giovanni	Bonetta	FBK	2	Learning When to Ask: Entropy-Gated Vision-Language Guidance in Reinforcement Learning
11	Tommaso	Campari	FBK	2	PersONAL: Towards a Comprehensive Benchmark for Personalized Embodied Agents
12	Leonardo	Lamanna	FBK	2	Online Learning of Object-Centric Symbolic Models in Partially Observable Environments
13	Gabriele	Masina	UNITN	2	On CNF Conversion for SAT and SMT Enumeration
14	Paolo	Morettin	UNITN	2	Towards Probabilistic Verification of ML models via Weighted Model Integration
15	Antonio	Galli	UNINA	3	Resilient Artificial Intelligence Approaches for Secure Autonomous Transportation
16	Michela	Gravina	UNINA	3	Assessing Demographic Bias in Brain Age Prediction Models Using Multiple Deep Learning Paradigms
17	STEFANO	GUADAGNO	UNINA	3	ARTIFICIAL INTELLIGENCE AT WORK AND PRIVACY CONSIDERATION
18	Valerio	Guarrasi	UNICAMPUS	3	Resilient Mask-Aware Transformers for Learning from Incomplete Healthcare Data
19	Roberto	Rondinelli	UNINA	3	Missingness as Network Structure: Identifying Mechanisms and Imputation Strategies
20	Matteo	Bollini	POLIMI	4	Online Bayesian Persuasion Without a Clue
21	Stefano	Canali	POLIMI	4	Big Data, Machine Learning, and Personalization in Health Systems: Ethical Issues and Emerging Trade-Offs
22	Filippo	Lazzati	POLIMI	4	Towards Theoretical Understanding of Inverse Reinforcement Learning
23	Fabrizio	Pittorino	POLIMI	4	Architecture-aware minimization (A2M): how to find flat minima in neural architecture search
24	Micol	Spitale	POLIMI	4	Small but Fair! Fairness for Multimodal Human-Human and Robot-Human Mental Wellbeing Coaching

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25	Simone	Bordoni	SAPIENZA	5	Quantum noise modeling through Reinforcement Learning
26	Johannes	Brustle	SAPIENZA	5	The Panel Complexity of Sortition: Is 12 Angry Men Enough?
27	Maria Sofia	Bucarelli	SAPIENZA	5	Leveraging Inter-rater Agreement for Classification in the Presence of NoisyLabels
28	Andrea	Cacioppo	SAPIENZA	5	Efficient Graph Coloring with Neural Networks: A Physics-Inspired Approach for Large Graphs
29	Lorenzo	Colantonio	SAPIENZA	5	Equivariant GNNs: A New Path to Robust Community Detection
30	Alberto	Fachechi	SAPIENZA	5	Multi-channel pattern reconstruction through L-directional associative memories
31	Silvia	Marconi	SAPIENZA	5	From Time Series to Images: CNN-Based Prediction of Financial Market Trends
32	Gabriele	Pignalberi	SAPIENZA	5	Predicting unknown viral host using Dynamic Positive-Unlabeled learning
33	Nicola	Scianca	SAPIENZA	5	Robust Humanoid Locomotion in Complex Environments
34	Indro	Spinelli	SAPIENZA	5	MonSTeR: a Unified Model for Motion, Scene, Text Retrieval
35	Elena	Umili	SAPIENZA	5	Injecting Logical Knowledge in Deep Autoregressive Models
36	Giuseppina	Andresini	UNIBA	6	OLIVANDER: Exploiting Counterfactuals to Craft Adversarial Malware in Windows PE
37	Miriana	Calvano	UNIBA	6	A Symbiotic-by-Design Approach to Integrate Large Language Models in Usability Tests
38	Abeer	Dyoub	UNIBA	6	Towards a Verifiable Risk-Based Ethical Decision Making Models with Fuzzy Logic
39	Francesco Benedetti, Djamé Seddah, Gianvito Pio, Michelangelo Ceci		UNIBA	6	A synthetic data generator for training risky user detectors in social networks
40	Giuseppe	Lamanna	LUTECH	6	A novel AI approach for the diagnosis of Alzheimer's Disease from multi-modal incomplete data
41	Luca	Lobascio	UNIBA	6	The Role of XAI in Cybersecurity: Exploring Robustness of Adversarial Training in Windows PE Malware Detection
42	Lorenzo Pulito - Piero Marra		UNIBA	6	Proportionality as a parameter for the design and development of symbiotic AI systems. La proporzionalità come parametro della progettazione e dello sviluppo di sistemi di IA simbiotica.
43	Vincenzo	Pasquadibisceglie	UNIBA	6	Leveraging a Large Language Model to Predict Hospital Admissions of Emergency Department Patients
44	Luigi	Quaranta	UNIBA	6	Self-monitoring of Developers' Emotions: The Case of Agile Retrospective Meetings
45	Grazia	Ragone	UNIBA	6	Symbiotic Child–AI: A Rights-Aligned Metric Framework
46	Celeste	Sguera	UNIBA	6	A Sustainable Multi-View Approach for the Classification of Legal Judgments based on Textual and Hierarchical Citation Representations
47	Gianluca	Zaza	UNIBA	6	Exploring the Expressive Power of Large Language Models in Neuro-Fuzzy System Explainability: A Study on EEG-Based Seizure Detection

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48	Giovanni	Barbarani	POLITO	7	Scale-Free Image Keypoints Using Differentiable Persistent Homology
49	Francesca	Matrone	POLITO	7	Neuro-Symbolic AI for point cloud semantic segmentation of Architectural Heritage point clouds
50	Leroy	Pierrick	POLITO	7	Attributes Shape the Embedding Space of Face Recognition Models
51	Marco	Rondina	POLITO	7	Responsible development and use of AI: from principles to practices
52	Davide	Sferrazza	POLITO	7	To Match or Not to Match: Revisi1ng Image Matching for Reliable Visual Place Recogni1on
53	Luca	Clissa	UNIBO	8	Advancing Cell-to-Track Association in ATLAS Using Point Cloud Machine Learning
54	Francesca	Lizzi	INFN	8	Optimizing Resource-Demanding MRI Analysis for MGMT Prediction in Glioblastoma: methodological challenges
55	Francesco	Sensi	INFN	8	Clinicians' Perspectives on AI Adoption in Healthcare: a survey in the framework of the Spoke 8 FAIR project
56	Riccardo	Cantini	UNICAL	9	Advancing Green and Fair AI: A Research Perspective on Environmental and Social Sustainability
57	Behzad	Pirouz	UNICAL	9	Generative AI in Optimal Management of Battery Energy Storage Systems with Renewable Energy
58	Francesco	Scala	ICAR CNR	9	Efficiency, Evasion, and Influence: Three Advances in Green-Aware AI Systems
59	Giovanni	Bellitto	UNICT	10	Dream2Learn: Wake/Sleep-inspired Representation Structuring for Continual Learning
60	Salvatore	Calgagno	UNICT	10	Decoding Attention from the Visual Cortex: fMRI-based Prediction of Human Saliency
61	Simone	Carnemolla	UNICT	10	DEXTER: Diffusion-Guided EXplanations with TExtual Reasoning for Vision Models
62	Claudia	Cavallaro	UNICT	10	From Theoretical Optimization to Real-World Applications: Centrality-Based and Heuristic Approaches for Anomaly Detection in Complex Networks
63	Annalisa	Coriolano	IIT	10	From Growth to Characterization: AI-Guided Synthesis and Transformer-Based Spectral Unmixing of 2D Materials
64	Georgia	Fargetta	UNICT	10	Computer Vision Applications and Intelligent Modeling within the FAIR Project
65	Francesco	Guarnera	UNICT	10	Integrating Artificial Intelligence and FAIR Principles for Robust Brain Image Analysis
66	Matteo	Pennisi	UNICT	10	Pre-Forgettable Models: Prompt Learning as a Native Mechanism for Unlearning
67	Federica	Proietto Salanitri	UNICT	10	SAM-Guided Prompt Learning for Multiple Sclerosis Lesion Segmentation
68	Fabio	Rossi	INFN	10	STREAM-AI: Streaming Readout Educational Assistant for modern AI DAQ
69	Marco	Napoleone	UNIROMA3	BAC 5	From Embedding Space to Real-World Records: Domain-Constrained Data Augmentation for Entity Resolution
70	Stefano	Tortora	UNIPD	BAC 5	INTELLEXO: Intelligent Lower Limb Exoskeleton
71	Riccardo	Michielan	Gran Sasso Science Institute	BAC 9	The planted clique problem on geometric graphs
72	Muhammad	Suffian	UNIRC	BAC 9	A Green AI Approach for EEG-Based Classification of Alzheimer's and Creutzfeldt–Jakob Diseases Using a Lightweight Transformer Model