



2nd International Workshop Forging Trust in Artificial Intelligence @ IJCNN 2025 5 July 2025 | Rome, Italy

Program

10:00-10:05 **Workshop opening**
Katerina Tzompanaki and Corina Besliu (ForgtAI workshop chairs)

Session 1

10:05-10:50 **Invited Talk: Towards Explainable-by-design Detection of Bugs in IID and Sequence Datasets**
Vassilis Christophides, Professor, Ecole Nationale Supérieure de l'Electronique et de ses Applications (ENSEA) and ETIS lab, France

10:50-11:10 **Regular Paper: Towards Explainable-by-design Detection of Bugs in IID and Sequence Datasets**
Christos Fragkathoulas and Evaggelia Pitoura

11:10-11:20 **Regular Paper: Cascade Adversarial Attack Search**
Ziwen Wang, Daoli Shen, Xiangkun Sun, Shangshang Yang, Xiaoshan Yu, and Ye Tian

11:20-11:40 **Break**

Session 2

11:40-12:25 **Invited Talk: Trustworthiness in AI and Autonomous Systems**
Anastasios Tefas, Professor, Aristotle University of Thessaloniki, Greece

12:25-12:35 **Short Paper: Trustworthy High-Resolution Pose Estimation Through Active Perception Using Vision Transformers**
Emmanouil Eleftheriadis, Theodoros Manousis, Nikolaos Passalis, and Anastasios Tefas

12:35-12:45 **Short Paper: A conformal prediction framework for natural language ambiguity detection in surgical robot instructions**
Ana Davila, Jacinto Colan, Yasuhisa Hasegawa

12:45-12:55 **Short Paper: What should GAN in AI stand for?**
Dipankar Dasgupta, Arunava Roy

12:55-13:00 **Workshop Closing**
Katerina Tzompanaki and Corina Besliu

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