

DIPARTIMENTO DI INGEGNERIA DELL'INFORMAZIONE

DRII PhD days

23 and 24/11/2023 Sala Consiliare

23/11

9:00 Nicola Arici "Study of Language Models and their applications in a real-world context"
9:15 Luigi Bonassi "Effective approaches for handling trajectory constraints in automated planning problems"
9.35 Valentina Bonomi "Rich Vehicle Routing Problems: models, algorithms and applications"
9:55 Marwa Ben Arbia "Metal oxide semiconductors' design for gas sensing applications: Tuning physical properties and surface morphologies for high-efficient devices

10:15 Mattia Chiari "Goal Recognition as a Deep Learning Task"

- 10: 35 Mahyar Gohari "Tools for Audio-Visual Forgery Detection"
- 10:50 Nam Nguyen Hoang "Image and point cloud processing for content analysis and 3D detection"
- 11:05 Filippo Ranza "New paradigms for last mile delivery: models and algorithms"
- 11:20 Shabbir Raza "Localization of devices in indoor environments"
- 11:35 Alberto Rovetta "Resilient Planning"
- 11:50 Lorenzo Serina "A Deep Learning approach to manage Automated Planning difficult tasks"
- 12:05 Giuseppe Soardi "Simulation software for planning optimization"
- 12:20 Kassahun Mamuye Tesfaye "Numerical study of ns-pulse propagation in optical fibers"
- 12:35 Girma Tariku Woldesemayat "Plant Species Identification and Classification with UAVs and AI
- 12:50 Hossein Khalilnasl "Sudy of LTE Support for Sidelink Mode 4 Communications Based on 3GPP Rel-14 nad 16"

14:15 Pietro Belleri "Study and modelling of an organic artificial neuron based on electrolyte-gated organic transistors"
14:30 Virginia Maria De Martis "A systematic study on the stability of Organic Electro-Chemical Transistors"
14:45 Roberto Granelli "Ultra Precise Fabrication of Organic Electrochemical Transistors on Flexible Large-area Substrates"
15:00 Federico Mazzoli "Self-diagnostic Method for Resistive Displacement Sensors"
15:15 Stefano Morzenti "Digital twin and cyber-physical system applied to firearms shooting training"
15:30 Hadjer Hakkoum "Nanostructured materials for the production of clean Hydrogen from Biomethane/Biogas"
15:45 Safia Hameed "Nanostructured materials for the production of clean Hydrogen from Biomethane/Biogas"
16:00 Hicham Helal "Eco-sustainable preparation of oxides and integration into renewable energy devices and sensors"

16:20 Hakimeh Pakdel "Synthesis, Characterization, and Applications of Metal Oxide in Gas Sensing and Lithium-Ion Batteries" 16:40 Marco Zini "Study and development of techniques, circuits and applications for contactless interrogation of coil-coupled passive sensors"