



2024 DRIE PH.D. DAY

18th July 2024

9:00-9:15	Opening session	Room B0, Building M
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Track A – Room B0

Session A1 Chairs: Luigi Atzori, Stefano Lai		
9:15-9:30	Usama MAHMOOD (Y1)	Organic Field Effect Transistor-Based Ultra-Flexible Strain Sensor for Biohybrid Machine Applications. IBIO-01/A.
9:30-9:45	Marco GARAU (Y1)	A what-if analysis model to support MaaS systems performance evaluation. IINF-03/A.
9:45-10:00	Luca MARTIS (Y1)	Lightweight neuromorphic processing for micro-edge computing. IINF-01/A.
10:00-10:30 - Break		
Session A2 Chairs: Giorgio Giacinto, Davide Maiorca		
10:30-10:45	Simone CARTA (Y1)	Open challenges in biometric recognition: from fingerprint to iris. IINF-05/A.
10:45-11:00	Giuseppe FLORIS (Y1)	ModSec–Learn: Boosting ModSecurity with Machine Learning. IINF-05/A. (Videopresentation)
11:00-11:15	Raffaele MURA (Y1)	HOFMN: Hyperparameter Optimization for Fast Minimum-Norm Attacks. IINF-05/A. (Videopresentation)
11:15-11:45 - Break		
Session A3 Chairs: Stefano Lai, Davide Maiorca		
11:45-12:00	Diego SOI (Y1)	Bridging Detection and Human Awareness in Android Malware Analysis. IINF-05/A.
12:00-12:15	Andrea PANZINO (Y1)	To be or not to be: evaluating the effectiveness of morph detection in face recognition. IINF-05/A. (Videopresentation)

Track B – Room B1

Session B1 Chairs: Piero Cosseddu, Giorgio Giacinto		
9:15-9:30	Elena FERRAZZANO (Y2)	An In-vitro Study of Electrodes Impedance in Deep Brain Stimulation. IINF-01/A. (Videopresentation)
9:30-9:45	Gianpaolo PERELLI (Y2)	The Role of Deepfakes, Behavioral Biometrics, and Voice Disorder Detection in Modern Technology. IINF-05/A.
9:45-10:00	Lorenzo PISU (Y2)	HTTP/3: The Next Big Thing or the Next Big Threat? IINF-05/A.
10:00-10:30 - Break		
Session B2 Chairs: Luigi Atzori, Paolo Castello		
10:30-10:45	MohammadAli HAMIDI (Y2)	Towards the Application of Multi-view Learning in Quality of Experience Collaborative Modelling. IINF-03/A.
10:45-11:00	Giovanni PETTORRU (Y2)	Trustworthy Localization for Location-Based Services in IoT Environments. IINF-03/A. (Videopresentation)
11:00-11:15	Davide SITZIA (Y2)	Characterization of Low-Cost Sensors for Mobile Monitoring of Particulate Matter in Urban Environment. IMIS-01/B.
11:15-11:45 - Break		
Session B3 Chairs: Paolo Castello, Piero Cosseddu		
11:45-12:00	Lorenzo Agostino CADINU (Y2)	Development of Calibration Methodologies for Spectrophotometric Detection of Mitochondrial Analytes During Organ Machine Perfusion. IINF-01/A.
12:00-12:15	Nasreddine MAKNI (Y2)	Advanced Sensor Technologies for Direct In-Situ Monitoring of Plant Water Status. IINF-01/A.
12:15-12:30	Cinzia SALIS (Y2)	Time to Digital Converter in Implantable Recording Front-End. IINF-01/A. (Videopresentation)