

List of presentations - ITEE 36th cycle, I year
Aula Seminari DIETI (1st floor) and Microsoft Teams
Team code: e6w8iqv - [Link to the Team](#)

Session 1 – October 28, 2021 h: 09:30 – Chairman: Prof. Antonio Iodice

PHD STUDENT	TITLE	SUPERVISOR(S)
ILLIANO Jessica	Quantum Communication Protocols for Quantum Security and Quantum Internet	CACCIAPUOTI Angela Sara MANZALINI Antonio(TIM)
DE DONATO Lorenzo	Artificial Intelligence techniques for rail dependability and automation	VITTORINI Valeria SANSONE Carlo
DE PANDI Francesco	Industry 4.0-based Cyber Physical Measurement Systems (CPMS) for smart monitoring applications	ANGRISANI Leopoldo
LA GATTA Valerio	eXplainable Artificial Intelligence for multimodal social media analysis	MOSCATO Vincenzo
GIACCO Giovanni	Artificial Intelligence in Earth Observation applications	SANSONE Carlo
BABAR Ali	Optical fiber sensors for medical and industrial applications	CUTOLO Antonello
CIOTOLA Matteo	Deep learning for data fusion in remote sensing and beyond	SCARPA Giuseppe
CUTOLO Maria Alessandra	Optoelectronic system for liquid phase biopsy based on fiber optic technology	BREGGIO Giovanni
GRAZIOSO Marco	Computational Linguistics techniques for the development of ChatBot architectures for commercial applications	CUTUGNO Francesco RUSSO Valentina (Logogramma s.r.l.)
DI PASQUALE Antonio	Sustainable Mobility in urban and suburban context	PAGANO Mario

Session 2 – October 28, 2021 h: 11:30 – Chairman: Prof. Simon Pietro Romano

PHD STUDENT	TITLE	SUPERVISOR(S)
GUARINO Idio	Traffic analysis of mobile communication and collaboration apps via ML approaches	PESCAPE' Antonio
GUERRITORE Martina	LiDAR systems for assisted driving in the railway sector	D'ARCO Mauro FRATELLI Luigi, GRABER Giuseppe (Hitachi Rail STS)
ALTIERO Francesco	Tree Kernel applications to Regression Test Prioritization	PERON Adriano CORAZZA Anna
MARCELLINI Salvatore	Unmanned Aerial Vehicles in indoor/GPS denied environments	LIPPIELLO Vincenzo
MOTTA Carlo	Assessment and enforcement of resilience and security properties in control systems	DE TOMMASI Gianmaria SANTINI Stefania
ORBINATO Vittorio	Next-generation CyberRange-as-a-Service	COTRONEO Domenico NATELLA Roberto
SAGGESE Gerardo	Autonomous In-vivo Brain-Machine-Interface in 28nm-CMOS technology with Ultrasound-based Power-Harvester and Communication-Link (Brain28nm)	STROLLO Antonio
UMAIR Areeba	Devising Artificial Intelligence Tools for Complex Data	MASCIARI Elio MOSCATO Vincenzo
VITONE Marco	Development of innovative techniques and methodologies for analysis and testing of Storage Systems interfaces based on System on Chip	PETRA Nicola GIACCIO Claudio, Micron Semiconductor Italia S.R.L.