



2019 DRIEI PH.D. DAY

PhD Program in Electronic and Computer Engineering



Università degli Studi
di Cagliari

TUESDAY 4 June 2019

Dip. di Ingegneria
Elettrica ed Elettronica

	Session A1 (Co-Chairs: Alessandro Fanti, Alessandro Serpi)	[room B0]
10:20 – 11:40	Stefano Sonedda (XXXIII, ING-INF/01) "Lab-on-a-Chip for Telomerase Activity Detection"	
10:40 – 11:00	Luca Schirru (XXXII, ING-INF/02) "Advantages of using a C-band Phased Array Feed as a receiver in the Sardinia Radio Telescope for Space Debris monitoring"	
11:00 - 11:20	Andrea Floris (XXXII, ING-IND/32) "Design and optimization of double stage magnetic gear transmission system"	
11:20 - 11:40	BREAK	
	Session A2 (Co-Chairs: Matteo Anedda, Alessandro Floris)	[room B0]
11:40 - 12:00	Elisavet Grigoriou (XXXII, ING-INF/03) "A QoE monitoring solution for multimedia services in 5G networks"	
12:00 - 12:20	Davide Aguiari (XXXIII, ING-INF/03) "C-Continuum: Edge-to-Cloud computing for distributed AI"	
12:20 - 12:40	Cristina Desogus (XXXII, ING-INF/03) "Differentiated reputation algorithm based on the type of traffic for the allocation of radio resources in heterogeneous 5G scenarios"	
	Session B1 (Co-Chairs: Giorgio Fumera, Davide Maiorca)	[room B1]
10:00 – 10:20	Michele Scalas (XXXIII, ING-INF/05) "System API-Related Information for Android Ransomware Detection"	
10:20 – 10:40	Giulia Orrù (XXXIII, ING-INF/05) "Are adaptive face recognition systems still necessary?"	
10:40 - 11:00	Marco Melis (XXXIII, ING-INF/05) "Explaining Black-box Android Malware Detection"	
11:00 - 11:20	Rita Delussu (XXXIII, ING-INF/05) "Intelligent Video Surveillance Tools for Mass Gathering Events"	
11:20 - 11:40	BREAK	
	Session B2 (Co-Chairs: Mauro Franceschelli, Carlo Muscas)	[room B1]
11:40 - 12:00	Chao Gao (XXXIV, ING-INF/04) "Attack detection on discrete event systems"	
12:00 - 12:20	Chao Gu (XXXIV, ING-INF/04) "Verification of Nonblockingness in Bounded Petri Nets With Semi-Structural Approaches"	
12:20 – 12:40	Maura Pintor (XXXIV, ING-INF/05) "Understanding and Optimizing Adversarial Attacks"	

The DRIEI PhD Day will be held in rooms B0-B1 (padiglione B).

INSTRUCTIONS FOR ORAL PRESENTATIONS AT THE 2019 DRIEI PHD DAY

- Talks will be given in English. If everybody in the audience understands Italian, the Chairperson may allow the speaker to use Italian.
- Each speaker is given 20 min: 15 for presentation (strict) and 5 for questions After 15 minutes the chairpersons will stop your presentation .
- We challenge you to give a 15 min great talk! Consider that your presentation will be evaluated mainly on your ability to convey effectively your contributions to the audience in the short time given to you. Indeed, this is the main goal of the DRIEI Phd Day.