

Short Presentations Workshop

23/30 April, 2021

Organizing Committee:
Henrique Madeira and Luís Paquete

23 April

Zoom:
<https://videoconf-colibri.zoom.us/j/85314694403?pwd=bk1GMG1CVVFGSGNSVFJremPUcHE2UT09>
ID: 853 1469 4403
Code: 538985

9h00	Henrique Madeira	<i>Welcome Session</i>
9h10	Iat Tou Leong	<i>Natural language analysis of software artifacts</i>
9h25	Jomar Domingos	<i>Failure prediction for cloud native applications</i>
9h40	Anamta Khan	<i>Risk assessment, prediction, and avoidance of collision in autonomous drones</i>
9h55	Munkenyi Mukhandi	<i>Decentralised and scalable security for IoT devices</i>
10h10	Marco Silva	<i>Dynamic resource allocation for critical services</i>
10h25	António Craveiro	<i>A proposal for enhancing the security of wireless body area networks</i>
10h40	Qianying Liao	<i>Preserving prediction performance and privacy in adversarial environments</i>
Break		
11h10	Horácio França	<i>Evaluating the reliability of machine learning in autonomous unmanned aerial systems</i>
11h25	Iury Araújo	<i>Intrusion detection and tolerance for edge computing applications: techniques and tools</i>
11h40	Jessica Castro	<i>Techniques and solutions for run-time security monitoring and adaptation</i>
11h55	Oscar Sanchez	<i>New models in Industrial Internet of Things</i>
12h10	Rodrigo Silva	<i>Reference architecture for the enhanced development of electronic health record (EHR) toward privacy</i>
12h25	Floriane Neto	<i>Security approaches for mission-critical IoT Applications in 5G</i>

Videos of the sessions are available in the following urls:

https://eden.dei.uc.pt/~henrique/WS_PhD_April_2021/WS_PhD_Short_Presentations_23-04-2021_1st_part.mp4

https://eden.dei.uc.pt/~henrique/WS_PhD_April_2021/WS_PhD_Short_Presentations_23-04-2021_2nd_part.mp4

30 April

Zoom:

<https://videoconf-colibri.zoom.us/j/83516350936?pwd=T285SS8rOFMxc20vMTkwdExMVTNvQT09>

ID: 835 1635 0936

Code: 960518

9h00	Henrique Madeira	<i>Welcome Session</i>
9h10	Jefferson Lima	<i>Co-design of a personalised dementia-friendly jukebox</i>
9h25	José Monteiro	<i>Digital twins for precision agriculture: a supply chain approach</i>
9h40	Solange Margarido	<i>Mixed-initiative in game design: Towards seamless collaborative processes</i>
9h55	Daniel Agostinho	<i>Decoding mental states from neuronal and physiological data</i>
10h10	Luís Gonçalo	<i>Multi-agent approaches for image-based communication</i>
10h25	José Simões	<i>Exploration of sexual selection techniques in evolutionary computation</i>
10h40	Francisco Baeta	<i>An evolutionary machine learning approach to generative models</i>
Break		
11h10	Pedro Carvalho	<i>Learning through evolution</i>
11h25	Inês Valentim	<i>Improving the robustness of artificial neural networks</i>
11h40	Teresa Salazar	<i>Fairness-aware machine learning methodologies</i>
11h55	Tiago Pereira	<i>Deep learning in drug development</i>
12h10	Luís Torres	<i>Few-shot learning architectures for low-data drug discovery</i>
12h25	Miguel Fernandes	<i>Deep predictive learning for condition-based maintenance</i>
12h40	Raúl Rosero	<i>Collaborative remaining useful life prediction via federated learning</i>
12h55	Ismael Jesus	<i>Development of intelligent methodologies for land use land cover change detection</i>
13h10	Floriane Neto	<i>Security approaches for mission-critical IoT Applications in 5G</i>