

DIGFORASP COST ACTION 3rd WORKING GROUPS
DIGFORASP COST ACTION 17124
La Valletta, Valletta Campus, St. Paul Street
University of Malta
October 23th & 24th

WEDNESDAY 23 th	
9:00–10:00	Opening & current status of the Action. Aula Prima, First Floor
10:00–11:00	DigforASP Workshop. Session 1 Chairperson: Jesús Medina
10:00–10:20	Raffaele Olivieri. <i>Typical Prosecutor's requests collection to create and share a requests collection for NLP purposes</i>
10:20–10:40	Wojciech Lis. <i>Tools supporting obtaining digital evidence in the fight against cybercrime used in the Cybercrime Department</i>
10:40–11:00	Marko Krstić, Milan Cabarkapa and Aleksandar Jevremovic. <i>Improving digital forensic model explainability through model-agnostic methods</i>
11:00–11:30	Coffee break
11:30–13:10	DigforASP Workshop. Session 2 Chairperson: Raffaele Olivieri
11:30–11:50	Stefania Costantini, Lorenzo De Lauretis and Aleksandar Jevremovic. <i>Neural Networks and other Machine Learning Techniques for Data Analysis</i>
11:50–12:10	Goran Šimić. <i>Applications of AI in Cyber Security - opportunities and challenges</i>
12:10–12:30	Aleksandra Dedinec, Sonja Filiposka and Anastas Mishev. <i>Comparing Models for Time Series Analysis and Forecasting of London Crime Data</i>
12:30–12:50	Roberto G. Aragón, María Eugenia Cornejo Piñero, David Lobo, Jesús Medina and Eloisa Ramírez Poussa. <i>Mathematical tools applied to digital forensic. London Crime Data, 2008-2016</i>
12:50–13:10	Ondrej Kridlo. <i>Fuzzy Formal Concept Analysis of "crime" data from Kaggle</i>
13:10–14:30	Lunch
14:30–16:00	Focused Thematic Working Groups Meeting's Information and Round Table. Aula Prima, First Floor Chairperson: Stefania Costantini Speakers: Jesús Medina, Francesca A. Lisi, Raffaele Olivieri, Viviana Mascardi, Daniele Theseider, Manuel Ojeda-Aciego
16:00–16:30	Coffee break
16:30–18:00	Working groups parallel meetings. Rooms 3/4/5 Ground Floor and Aula Prima, First Floor

THURSDAY 24th

9:00–11:00	DigforASP Workshop. Session 3 Chairperson: Joseph G. Vella	
	9:00–9:20	Aleksandar Jevremovic, Milan Cabarkapa and Marko Krstic. <i>CASPER - Children Agents for Secure and Privacy Enhanced Reaction</i>
	9:20–9:40	Ivana Stajner-Papuga and Andreja Tepavcević. <i>On fuzzy measure's role in ranking objects based on the metadata</i>
	9:40–10:00	Fatih Ozkaynak and Yilmaz Aydin. <i>Analysis of Chaotic Properties in Synthetic Databases</i>
	10:00–10:20	Ivan Zelinka. <i>AI and malware - future of malware and anti-malware algorithms</i>
	10:20–10:40	Aleksandar Miljkovic, Slobodan Nedeljkovic, Milan Cabarkapa and Aleksandar Jevremovic <i>Implementation of artificial intelligence algorithms in digital forensics using Python programming language and its libraries</i>
	10:40–11:00	Florin Costin Ciocan. <i>Scene Analytics - Improving Situational Awareness using Artificial intuition</i>
11:00–11:30	Coffee break	
11:30–13:10	DigforASP Workshop. Session 4 Chairperson: Manuel Ojeda-Aciego	
	11:30–11:50	David Billard. <i>Building an anonymized dataset for AI algorithms</i>
	11:50–12:10	Sasa Adamović, Vladislav Miskovic, Nemanja Macek, Milan Milosavljević, Marko Sarac and Milan Gnjatović. <i>Can machine learning outperform standard biometrics?</i>
	12:10–12:30	Jamal Raiyn. <i>Cyber Security Challenges in Connected Autonomous Vehicles</i>
	12:30–12:50	Ana de Almeida Borges, Juan José Conejero Rodríguez, David Fernández-Duque, Mireia González Bedmar, Bjorn Jespersen and Joost Joosten. <i>Verified Computational Logic and European Transport Regulations</i>
	12:50–13:10	Aleksandar Jevremovic, Justin Bowling and Zona Kostic. <i>Caveats for using synthetic data sets in financial fraud detection algorithms training</i>
13:10–14:30	Lunch	
14:30–16:00	Working groups parallel meetings. Rooms 3/4/5 Ground Floor and Aula Prima, First Floor	
16:00–16:30	Coffee break	
16:30–18:00	Working Groups Meeting. Results and goals. Aula Prima, First Floor	