

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 | | |
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| 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 | |
| 11:30–13:00 | 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> |
| | 12:10–12:35 | Aleksandra Dedinec, Sonja Filiposka and Anastas Mishev. <i>Comparing Models for Time Series Analysis and Forecasting of London Crime Data</i> |
| | 12:35–13:00 | 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> |
| 13:00–14:30 | 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 24 th | | |
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| 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 | |