

SERICS - SPOKE 6

First Software and Platform Security Workshop

23-24 October 2023

Conference room "Orio-Zanetto", Alfa building
Scientific Campus, Ca' Foscari University, Mestre (VE)

23 October 2023

Welcome coffee (10:00 - 10:30)

Session 1 (10:30 - 13:00)

- 10:30 - 10:45 - Welcome and Introduction (Riccardo Focardi, Gabriele Costa, Flaminia Luccio)
- 10:45 - 12:30 - Short presentation of partner activities (15 minutes each): UNISA, Deloitte, IMT, UNIBA, UNICA, UNIFI, UNIVE.
- 12:30 - 13:00 - Deloitte. Evaluation of Cyber risks for Generative AI application to businesses

Lunch (13:00 - 14:30)

Session 2 (14:30 - 16:00)

- 14:30 - 15:00 Luisa Collodi, UNIFI. Probabilistic Programming.
- 15:00 - 15:30 Massimo Bartoletti, UNICA. DeFi composability as MEV non-interference.
- 15:30 - 16:00 Lorenzo Ceragioli, IMT. Policies for Fair Exchanges of Resources

Coffee break (16:00 - 16:30)

Session 3 (16:30 - 17:30)

- 16:30 - 17:00 Giuseppe Desolda, UNIBA. Leveraging human factors to defend users from cybersecurity scams
- 17:00 - 17:30 Attaullah Buriro, UNIVE. MBBS: A Multimodal Behavioral biometric scheme for smartphone user authentication

Discussion and open problems (17:30 - 18:30)



24 October 2023

Session 4 (09:00 - 10:30)

- 09:00 - 09:30 Giuseppe Antonio Di Luna, UNIROMA1. (ONLINE) Binary Code Models for Software Security
- 09:30 - 10:00 Emanuele Iannone, UNISA. Testing of Software Vulnerabilities: Challenges & Roadmap
- 10:00 - 10:30 Maikel Lázaro Pérez Gort, UNIVE. A self-recovery watermarking scheme for relational data protection.

Coffee break (10:30 - 11:00)

Session 5 (11:00 - 12:00)

- 11:00 - 11:30 Matteo Busi, UNIVE. Don't Get Stranded: Secure and Dynamic Key Management Policies with Strand Spaces
- 11:30 - 12:00 Marino Miculan, UNIUD. TBA.

Discussion and open problems (12:00 - 13:00)

Lunch (13:00 - 14:30)

Self-organized thematic tables (14:30 - 16:30)