

THURSDAY, JUNE 13th, 2024

Sagrestia, San Francesco Complex



SECOND SECURE SOFTWARE FROM FIRST PRINCIPLES WORKSHOP

- 11.15 am **WELCOME AND INTRODUCTION**
- 11.30 am **TECHNICAL PRESENTATION I**
Cosimo Perini Brogi (IMT School) Toward dynamic epistemic verification of zero-knowledge protocols
Margherita Renieri (IMT School) A Netting Protocol for Liquidity-saving Automated Market Makers
Enrico Lipparini (UNICA), Solvent: liquidity verification of smart contracts
Michele Cerreta (IMT School) Automating Penetration Testing with MeTeOr
- 1.00 pm **LUNCH BREAK**
- 2.00 pm **TECHNICAL PRESENTATION II**
Samuele Casarin (UNIVE) Dynamic Security Analysis of JavaScript: Are We There Yet?
Luca Olivieri (UNIVE) Static Program Verification with GoLiSA
Dalila Ressi (UNIVE) Machine Learning for Vulnerability Detection in Ethereum Contracts
Gabriele Costa & Silvia De Francisci (IMT School) Toward Efficient and Effective Vulnerability Detection with GoDRuSh
Marino Miculan (UNIUD) Enforcing Global Invariants with Local Reasoning in AbU Collective Adaptive Systems
- 3.40 pm **WPS WORK IN PARALLEL I**
- 4.30 pm **COFFEE BREAK**
- 5.00 pm **WPS WORK IN PARALLEL II**
- 6.00 pm **WRAP-UP DISCUSSION**
- 8.00 pm **SOCIAL DINNER @ OSTERIA SAN GIORGIO (VIA S. GIORGIO 26, LUCCA)**

Workshop finanziato dal progetto SERICS PE000014 con finanziamento dell'Unione Europea - NextGeneration EU, PNRR - M4C2. Investimento 1.3 | Codice MUR: 2022CY2J5S

FRIDAY, JUNE 14th, 2024

Sagrestia, San Francesco Complex

SECOND SECURE SOFTWARE FROM FIRST PRINCIPLES WORKSHOP

- 9.00 am **TECHNICAL PRESENTATION III**
- Francesco Tiezzi (UNIFI)** A Language for Expressing and Enforcing Collaborative Policies
- Alvise Spanò (UNIVE)** Secure Programming for Smart Contract Platforms
- Edoardo Lunati (IMT School)** Checking Information Flow in Cloud-based IoT Access Policies
- Matteo Busi (UNIVE)** When Obfuscations Preserve Constant-Time
- 10.30 am **COFFEE BREAK**
- 11.00 am **TECHNICAL SESSION III: DISCUSSION AMONG PROJECT PARTNERS AND CLOSING REMARK**
- 1.00 pm **LUNCH BREAK**
- 2.00 pm **FREE SESSION**

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