**Program**

The event is scheduled as a two-day meeting. Times are EET.

**Venue**

West University of Timisoara, Romania,

Blvd. V. Parvan, nr. 4, room 045C

Timisoara, Romania

**Day 0. February 7th, 2023**

**19:00 Dinner at The Scotland Yard, Eugeniu de Savoya 9 Street,**
**https://www.facebook.com/scotlandyard.timisoara** (Optional, self-pay). Meet in the Perla Hotel lobby or directly at the location.

**Day 1. February 8th, 2023**

- **9:00 - 9:30 Registration, Opening & Presentation:**
    a. *The EuroProofNet COST Action. WG3 "Program Verification". Goals of the meeting:* Mădălina Erașcu, Alicia Villanueva
- **9:30-11:00 Talks**
    a. **9:30-10:00:** *Verification Tools, Exchange Formats, and Combination Approaches.* Dirk Beyer. LMU Munich
    b. **10:00-10:15:** *RAPID software verification framework*. Pamina Georgiou. TU Wien
    c. **10:15-10:30:** *Verification with Superposition Provers and Induction.* Ahmed Bhayat . University of Manchester
    d. **10:30-10:45:** *Annotation synthesis for C programs using TriCera*. Zafer Esen. Uppsala University
    e. **10:45-11:00:** *Program analysis and verification*. Lilia Georgieva. Heriot Watt University
- **11:00-11:30 Coffee Break**
- **11:30-12:30 Talks**
    a. **11:30-12:00:** *Techniques and Tools for Automated Termination Analysis.* Carsten Fuhs .Birkbeck University of London
    b. **12:00-12:30:** *Implementing Program Verification in the K Framewor*k. Traian Șerbănuță. University of Bucharest and Runtime Verification Inc.
- **12:30 - 14:00 Lunch break**
- **14:00-15:30 Interaction: *Working in groups for deliverables of WP3 or research related to WP3***
- **15:30-16:00 Coffee Break**
- **16:00-17:00 Talks & Conclusions of the day**
    a. **16:00-16:15:** *Formal verification of Isawa-Morii authentication protocol*. Mehmet Tahir Sandikkaya. Istanbul Technical University

b. **16:15-16:30:** *Tools and Techniques for Symbolic Protocol Verification*. Muhammad Usama Sardar. TU Dresden
c. **16:30-17:00**: Wrapping-up: Conclusions of the day & plan

**18:00 Dinner at Curtea Berarilor Timișoreana, Strada Proclamația de la Timișoara, Nr.7, https://www.facebook.com/curteaberii.timisoara/** (Optional, self-pay). Meet in front of the university building or directly at the location.

**Day 2. February 9th, 2023**

- ● **9:00-11:00 Talks**
  - ○ **9:00 - 9:30:** *Deriving Matching Logic Specifications from Program Annotations*. Dorel Lucanu .Alexandru Ioan Cuza University of Iași
  - ○ **9:30 - 9:45:** *A language-independent ecosystem for program verification*. Amélie Ledein. ENS Paris-Saclay
  - ○ **9:45 - 10:00:** *Matching Logic and Lean*. Horațiu Cheval. University of Bucharest and Institute for Logic and Data Science
  - ○ **10:00-10:15:** *Interactive Verification of Java Programs with KeY*. Wolfram Pfeifer. Karlsruhe Institute of Technology
  - ○ **10:15 - 10:30:** *Interactive proofs for matching logic, using Coq*. Jan Tušil. Masaryk University, Brno
  - ○ **10:30 - 10:45:** *Quantitative intersection types for computational core meet dependency*. Riccardo Treglia . Università di Bologna
  - ○ **10:45 - 11:00:** *Discussions*
- ● **11:00-11:30 Coffee Break**
- ● **12:30 - 14:00 Lunch break**
- ● **14:00-15:30 Interaction:** *Working in groups for deliverables of WP3 or research related to WP3*
- ● **15:30-16:00 Coffee Break**
- ● **16:00-17:00 Wrapping-up: Setting the agenda for the year**