

EnCyCris Workshop Program

June 30th, 2020 07:00 - 13:15 CEST

07:00 - 07:15	Opening remarks Bjørn Axel Gran, Institute for Energy Technology
07:15 - 08:00	Keynote Christian Raspotnig, Avinor ANS
08:00 - 08:30	Specific air traffic management cybersecurity challenges Johannes de Haan, EUROCONTROL
08:30 - 08:40	Break
08:40 - 09:10	Identifying Critical Components in Large Scale Cyber Physical Systems Aida Akbarzadeh (Norwegian University of Science and Technology); Sokratis Katsikas (Norwegian University of Science and Technology)
09:10 - 09:40	Domain-based fuzzing for supervised learning of anomaly detection in cyber physical systems Herman Wijaya (Singapore University of Technology and Design); Mauricio Aniche (Delft University of Technology); Aditya Mathur (Singapore University of Technology and Design)
09:40 - 10:10	Security threat modeling: are data flow diagrams enough? Laurens Sion (imec-DistriNet, KU Leuven); Koen Yskout (imec-DistriNet, KU Leuven); Dimitri Van Landuyt (imec-DistriNet, KU Leuven); Alexander van den Berghe (imec-DistriNet, KU Leuven); Wouter Joosen (imec-DistriNet, KU Leuven)
10:10 - 10:20	Break
10:20 - 10:50	Towards automated safety analysis for architectures of dynamically forming networks of cyber-physical systems Jennifer Brings (University of Duisburg-Essen); Marian Daun (University of Duisburg-Essen)
10:50 - 11:20	Security as culture: a systematic literature review of DevSecOps Mary Sánchez-Gordón (Ostfold University College); Ricardo Colomo-Palacios (Ostfold University College)
11:20 - 11:50	Simulation games platform for unintentional perpetrator attack vector identification Martin Macak (Masaryk University); Agata Kruzikova (Masaryk University); Lukas Daubner (Masaryk University); Barbara Buhnova (Masaryk University)
11:50 - 12:00	Break
12:00 - 12:30	What happens in a control room during a cybersecurity attack? preliminary observations from a pilot study Espen Nystad (IFE); Vikash Katta (IFE); John Eidar Simensen (IFE)
12:30 - 13:00	Towards an automated approach for detecting architectural weaknesses in critical systems Joanna Cecilia da Silva Santos (Rochester Institute of Technology); Selma Suloglu (Rochester Institute of Technology); Joanna Ye (Rochester Institute of Technology); Mehdi Mirakhorli (Rochester Institute of Technology)
13:00 - 13:15	Closing remarks Tai Hyo Kim, Formal Works Inc.