

# Zenith

# Workshop, March 15, 2023

Ada Lovelace  
Campus Valla

## Wednesday, March 15

09:30 - 10:00 Coffee/tea and mingle

10:00 - 10:15 Introduction and the Zenith program

10:15 - 11:45 Session 1: (Chair: Elin Nyman)

10:15 - 10:45 Low Latency Communications for Wireless Networks:  
Exploiting Traffic Characteristics Nikolaos Pappas

10:45 - 11:05 Hybrid Methods for Fault Diagnosis and Prognostics Daniel Jung

11:05 - 11:25 Quality of Security Service (QoSS) Guarantees for  
Intelligent Internet-of-Things (IoT) Devices Onur Günlü

12:00 - 13:00 Lunch at Universitetsklubben

13:00 - 14:30 Session 2: (Chair: Guilherme B. Xavier)

13:00 - 13:20 Executable models for drug development Elin Nyman

13:20 - 13:50 Applied Research Platform for Sensor Fusion Gustaf Hendeby

13:50 - 14:10 Computational design for optimality and robustness in  
multi-physics and multi-criteria problems Carl-Johan Thore

14:10 - 14:30 The Complex Acoustic Surveillance and Tracking  
(COAST) project Isaac Skog

14:30 - 15:00 Break

15:00 - 16:10 Session 3: (Chair: Nikolaos Pappas)

15:00 - 15:30 Quantum communication based on next-generation tele-  
communication optical fibers Guilherme B. Xavier

15:30 - 15:50 Wireless Network Design for Decentralized Machine  
Learning Zheng Chen

15:50 - 16:10 Learning Trustworthy Planning Algorithms Jendrik Seipp

16:10 - 16:20 Summary