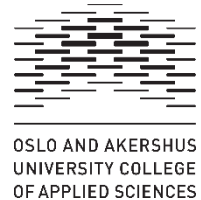


Workshop on Autonomous and Adaptive Systems

Thursday 11/05/2017, 10:00-12:00

Room P35-PS738, Pilestredet 35 - 7th floor (Stefano's number 45134015)



Technical Program (15 minutes presentations / Q&A)

10:00 – 10:05	Welcome: Stefano Nichele (HiOA) / Paal Engelstad (HiOA) / Coffee
10:05 – 10:20	Jim Tørresen (UiO, ROBIN group) Adaptive Systems Research at the Robotics and Intelligent Systems Group
10:20 – 10:35	Johannes Jensen (NTNU, COMP group) Reservoir Computing in Physical Materials
10:35 – 10:50	Hugo Lewi Hammer (HiOA, NETSYS group) Incremental Estimators for Online Tracking of Quantiles

Lightning Talks (3/4 min, 1/2 slides)

10:50 – 11:40

1. Kai Olav Ellefsen (UiO): Internal Models for Adaptation and Prediction
2. Gunnar Tuft (NTNU): Morphogenetic Engineering and Adaptive Machines
3. Sondre Engebråten (FFI): Multi-Function Swarm of UAVs
4. Peyman Mirtaheri (HiOA): Potentials and Possibilities of Motion Analysis Lab at HiOA
5. Tønnes Nygaard (UiO): Evolutionary Legged Robotics
6. Aleksander Simonsen (FFI): Swarm Autonomy
7. Evi Zouganeli (HiOA): Self-Adaptive and Cognitive Systems for Assisted Living Technology
8. Charles Martin (UiO): Collaboration and Co-Creation with Musical Apps
9. Hårek Haugerud (HiOA): Control Theory meets QoS
10. Jonas Moen (FFI,UiO): Autonomous Monitoring, Control and Protection of Renewable Energy Infrastructure
11. Stefano Nichele (HiOA): CA-NEAT: Neuro-evolution for Developmental Systems
12. Weria Khaksar (UiO): Self-Adjusting Road-Maps for Dynamic Motion Planning
13. Anis Yazidi (HiOA), *on Skype*: Ant-Colony and Classification

Discussion & Collaboration Initiatives

11:40 – 12:00	Discussion
12:00 – 13:00	Lunch and Continuation of Discussion

Other attendees: Ashish Rauniyar (HiOA), Flavia Casagrande (HiOA), M. Zia Uddin (UiO), Alex Alcocer (HiOA)