

Workshop on future robotic systems

Thursday, November 29, 2012

Room G144, Electro building, Gløshaugen, Trondheim, Norway

Preliminary Program:

15:00 Welcome

Snake robotics – from biology to nonlinear control (prof. Kristin Pettersen, NTNU ITK)

Guest speakers

3D vision in next generation robotic systems (Henrik Schumann-Olsen, SINTEF ICT)

Next Generation real time control of manipulators (Dr. Morten Lind, NTNU IPK/SINTEF RM)

Autonomy in next generation robotic systems (Dr. Aksel A. Transeth, SINTEF ICT)

Industrial robotics lab from fundamentals in scenarios development to implementation of advanced manipulation and force control tasks (prof. Anton Shiriaev, NTNU ITK)

17:15 Visit to Statoil offshore robotics lab at SINTEF/NTNU

18:00 End of workshop

19:00 Hosted dinner

Sign-on: Ingrid.Schjolberg@sintef.no

Invitation and program

Opening of ROBOTNOR

Friday, November 30, 2012

Auditorium El 6, Electro building, Gløshaugen, Trondheim

Preliminary Program:

09:00 **Opening of Centre**

Vision and plans for the centre (Dr. Ingrid Schjøberg, SINTEF ICT/NTNU ITK)

Robotic laboratories (NTNU/SINTEF)

DTI Robotics : research activities (Claus Risager, DTI, Denmark)

10:30 **Coffee break** (PhD stands)

Robotisering og automatisering i næringsmiddelindustrien (Gründer Halvard Andresen, Maskon AS)

Statoil Mesa Verde project and challenges in offshore robotics (Anders Røyrøy, Statoil)

Subsea robotics: challenges and possibilities (John Mulholland, FMC Technologies)

12:00 **Lunch - Buffet**

PhD stands

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