

Embodied Artificial Intelligence Workshop

When: November 10th 2016

Where: University of Southern Denmark (SDU)- **Room O-99 Konferencelokale**,
Campusvej 55, DK-5230 Odense M

Program

10.00 Greeting by John Hallam

Embodiment

10.15 Sebastian Risi " Human Computation for Embodied Agents "

10.35 Poramate Manoonpong "Learning from a Dung beetle to Advance Robot Development"

10.55 Stig Anton Nielsen " Mixed Substrate Computation "

11.15 Frank Veenstra " Towards Evolving Modular Robots "

11.35 - 12.40 Lunch

Industrial Robotics

12.40 Kasper Støy "Flow Robotics A/S"

13.00 Tomas Kulvicius "Optimal trajectory generation for generalization of discrete movements with boundary conditions"

13.20 - 14.00 Coffee break and Demo session

Evolution & Control

14.00 Danish Shaikh "Multisensory Integration and Synaptic Plasticity"

14.20 Niels Justesen " Deep Reinforcement Learning "

14.40 Stefano Nichele " Evolution in physical materials "

15.00-15:20 Snack break and Demo session

15.20 Farzad Nejatimoharrami "More of EvoBot, for liquid handling"

15.40 Marco Scirea "Affective Music Generation"

16:00 Jakob Welner "Pragmatic Projects on Movement Dynamics"

16.00---- Lab tour (Lab tour, Poramate Manoonpong, Jørgen Larsen)

18.30 Dinner @ Kok og Vin

List of participants

Kasper Støy (Prof. ITU)
Sebastian Risi (Associate Prof. ITU)
Stefano Nichele (Postdoc ITU)
Farzad Nejatimoharrami (PhD ITU)
Frank Veenstra (PhD ITU)
Niels Justesen (PhD ITU)
Marco Scirea (PhD ITU)
Stig Anton Nielsen (PhD ITU)

Jakob Welner (DTU)

John Hallam (Prof. SDU)
Poramate Manoonpong (Associate Prof. SDU)
Tomas Kulvicius (Assistant Prof. SDU)
Jørgen Larsen (Assistant Prof. SDU)
Danish Shaikh (Postdoc SDU)

Gervase Tuxworth (Associate Lecturer,
Visiting researcher SDU)