

MaD-Conference 2018

Seminar Room
Carl-Thiersch-Str. 2b
91052 Erlangen

Friday, October 12

- 12:30 Machine Learning and Its Application at Fraunhofer IIS
Dr.-Ing. Christopher Mutschler
- 13:00 **Break**
- 13:10 Model Uncertainty in Clinical Decision Support Systems
Nooshin Haji Ghassemi
- 13:30 Towards @Home Fall Risk Assessment in Parkinson's Disease via Sensor Based Gait Analysis
Martin Ullrich
- 13:50 Synthesizing Inertial Sensor Data of Human Gait
Eva Dorschky
- 14:10 Gait Analysis in Spinal Cord Injury Rat Model
Ivanna Timotius
- 14:30 **Break**
- 14:45 Towards Large Scale Free Living Periodic Activity Database with Phase Level Labels
Christine Martindale
- 15:05 Flow-Index for Training Exercises
Nicolas Witt
- 15:25 Movement Speed Estimation Based on Foot Acceleration Patterns
Stefan Gradl
- 15:45 **Break**
- 16:00 Monitoring and Diagnosis System for Internet of Health Things
Anh Tuan Nguyen
- 16:20 Exploring the Feasibility of EMG Based Interaction for Assessing Cognitive Capacity in Virtual Reality
Markus Wirth
- 16:40 Digital Assessment of Visual Functions
Wolfgang Mehringer
- 17:00 **Break**
- 17:15 DailyHeart - Towards an Real-Time Unobtrusive Vertigo Assessment System
Robert Richer
- 17:35 Object Detection via Classification in 3D using Deep Learning
Franz Köferl
- 17:55 Towards a Training Platform for Mathematical Exams
Sebastian Wankerl
- 18:30 **MaD Lab Inauguration Party**