

Workshop on the ICT Contribution to the Development of Clinical Applications II

January 16th, 2018

(Forschungsinstitut für krebserkrankte Kinder (St. Anna Kinderspital / Labdia)
Seminar Room (3rd floor), Zimmermannplatz 10, 1090 Vienna)

Organised by the

Computer Vision Lab (CVL) / Technische Universität Wien

in cooperation with the

Computational Imaging Research Lab, Department of Biomedical Imaging, and Image-guided Therapy & Medical Imaging Cluster / Medical University of Vienna.

Programme

9.00	M. Kampel, G. Langs	Welcome Address
9.15	G. Langs	Keynote: Mining for Predictive Markers in Large-Scale Clinical Routine Imaging Data
10.15	K.H. Nenning	Tracking the Human Connectome in Health and Disease
10.45	W.D. Vogl	Model and Predict Disease Progression and Treatment Response from Longitudinal Medical Images
11.30	M. Holzer	3D Image Search on Large Medical Image Data (incl. Software Demo)
12.00	M. DiFranco	1) MicroCT characterization of Degradable Vascular Grafts & 2) Probabilistic Atlases for Cell Identification in <i>C. elegans</i> Worms
12.30	Lunch break	
13:30	J. Hladůvka	(Deep) Learning for Knees, Lungs, Vessels, and Thyroids
14.00	Ch. Pramerdorfer	Classification and Bounding Box Regression Networks for Person and Fall Detection
14.30	M. Reiter (TUW)	Finding Cell Populations in Flow Cytometry Data Using Gaussian Mixture Manifolds
15.00	M. Diem	FlowVIEW - A Visualization Software for Flow Cytometry Data (incl. Software Demo)
15.30	F. Kromp	VISIOMICS - Platform Supporting an Integrated Analysis of Image and MultiOMICS Data Based on Liquid Biopsies for Tumor Diagnostics
16.00	P. Preik	The Future in Health
16.30	M. Kampel, G. Langs	Workshop Closing