

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