

IVA - Intelligent Vision Austria Colloquium

1-2 December 2016

Venue: AIT, TechGate Tower
Donau-City-Straße 1, 1220, Vienna



Thursday December 1st

Conference Room TechGate 5th Floor

12:00	Registration and snack/coffee
12:30	Welcome and opening of the Colloquium , M. Kommenda (AIT); Bernhard Rinner (UAA); Thomas Pock (ICG)
12:40	A highly parallel dual minorize-maximize algorithm for discrete optimization- Sasha Shekhovtsov, ICG
13:10	Outdoor Localization- Christian Pirchheim, ICG
13:50	End-to-End Training of Hybrid CNN-CRF Models for Stereo- Patrick Knöbelreiter, ICG
14:20	Real-Time Intensity Image Reconstruction and Panoramic Tracking for Event Cameras- Christian Reinbacher, ICG
14:30	<u>Coffee break & Poster session</u> <ul style="list-style-type: none">• Lightweight Calibration of Visual Sensor Networks – Jennifer Simonjan, AAU• Persistent Multi-UAV Surveillance with Energy and Communication, Jürgen Scherer, AAU• 3D Vision and Modelling – Focus of Research – Martin Humenberger, AIT• 3D Vision and Modelling – Applicable Solutions – Christian Zinner AIT• Line-scan stereo – Bernhard Blaschitz, AIT• Hologram Verification- Daniel Soukup, AIT• Large-Scale Semantic 3D Reconstruction: an Adaptive Multi-Resolution Model for Multi-Class Volumetric Labeling – Christoph Vogel, ICG• Learning a Variational Network for MRI Reconstruction – Kerstin Hammernik, ICG• From Variational Methods to Deep Learning: The Role of Incremental Methods, Early Stopping, and Convexity -Teresa Klatzer & Erich Kobler, ICG
16:10	Semantic Labeling – Daniel Steininger, AIT
16:30	Fusion of light fields and photometric stereo – Doris Antensteiner, AIT
16:50	Computer Vision Testen- Oliver Zendel, AIT
17:10	Practical applications of 3D Person Detection – Andreas Zweng, AIT
17:30	End of Day 1
19:00	Social Event

IVA - Intelligent Vision Austria Colloquium

1-2 December 2016

Venue: AIT, TechGate Tower
Donau-City-Straße 1, 1220, Vienna



Friday December 2nd

Room "Ring Stage" TechGate, 7th Floor

08:45	Opening of the Colloquium
09:00	<i>Observability aware motion generation – Stephan Weiss, AAU</i>
09:30	<i>Tightly coupled dense visual-inertial odometry – Alexander Hardt-Stredmayr, AAU</i>
09:50	<i>Coffee break</i>
10:20	<i>Distributed Control in Mobile Camera Networks for multi-Coverage– Matthias Weyrer, AAU</i>
10:40	<i>Trustworthy Sensing on Mobile Devices using Physical Unclonable Functions – Ihtesham Haider, AAU</i>
11:00	<i>Computer Vision @ KU Big Data Center Seoul – Professor Hanseok Ko, University of Seoul</i>
12:00	Lunch
13:00	AIT Demonstrations
15:00	End of the IVA Colloquium

IVA - Intelligent Vision Austria Colloquium

1-2 December 2016

Venue: AIT, TechGate Tower
Donau-City-Straße 1, 1220, Vienna

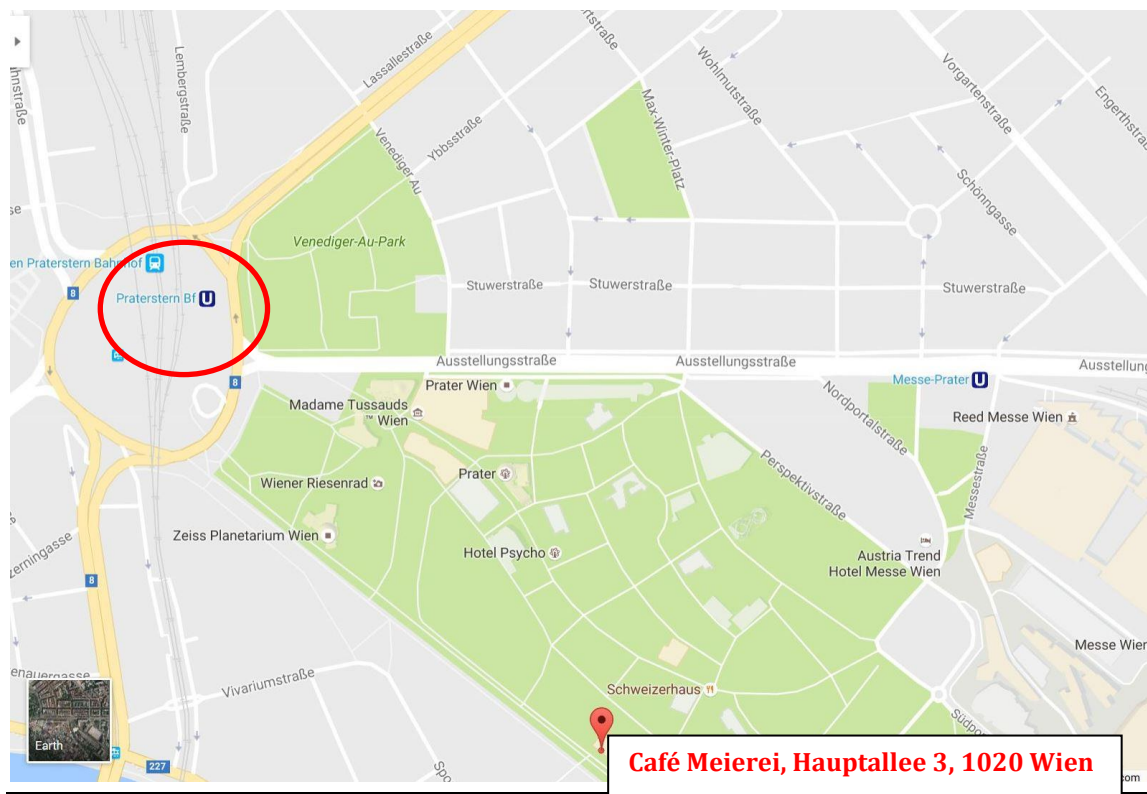


GENERAL APPROACH

The IVA Colloquium provides an opportunity for each member of the cooperation to meet and learn about the progresses they made. Master and PhD students, as well as their mentors, senior collaborators or external experts are invited to present a status update of their research and to stimulate discussion on their work.

SOCIAL EVENT

We will meet for the social event at **Café Meierei**, Hauptallee 3, 1020, Wien (Metro Station "Praterstern", lines U1 and U2).



IVA - Intelligent Vision Austria Colloquium

1-2 December 2016

Venue: AIT, TechGate Tower
Donau-City-Straße 1, 1220, Vienna



ACCOMMODATION

We recommend following hotels for your accommodation:

- Arcotel Kaiserwasser http://www.arcotelhotels.com/en/kaiserwasser_hotel_vienna/ : this is 5 minutes away by foot from the conference's venue (TechGate Tower, Donau-City-Straße, 1220 Vienna)
- Parkinn Hotel <http://www.parkinn.com/hotel-vienna/location> : this is 8 minutes away by foot from the conference's venue
- NH Danube City http://www.nh-hotels.com/nh/en/hotels/austria/vienna/nh-danube-city.html?nhagentid=11009&nhsagentid=110095220109&utm_source=google&utm_medium=maps&utm_campaign=googleplaces#ad-image-0 : this is 10 minutes away by foot from the conference's venue
- Best Western Kagan: <https://www.bestwestern-ce.com/bwc/hotel.ct?hotelId=89137>: 20 minutes away from the conference's venue with public transportation
- Ibis Budget <http://www.accorhotels.com/gb/hotel-7098-ibis-budget-wien-messe/index.shtml>
Metro Station „Vorgartenstraße“, line U1; 2 metro stations away from AIT (or 15 minutes by foot)

VENUE

AIT Austrian Institute of Technology

TechGate Tower, 5th Floor
Donau-City-Straße 1
1220 Vienna
AUSTRIA

Please find instructions on how to reach us at

http://www.ait.ac.at/fileadmin/cmc/downloads/Anfahrtsplaene/Anfahrtsplan_TechGate.pdf

CONTACTS

For any enquiry, don't waver to contact us:

Scientific Content

Thomas Pock (Graz University of Technology)
+ 43 316 873-5056
pock@icg.tugraz.at

Organisation

Axelle Gasne (AIT)
+43 664 88 39 06 02
Axelle.Gasne@ait.ac.at