

Workshop Program



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OAGM/AAPR Workshop 2015

May 28-29, Salzburg, Austria

Information

Workshop Location:

Schloss Edmundsburg

Mönchsberg 2a, 5020 Salzburg

(1) You can either walk up the stairs at the Toscaninihof connecting the ground level with the Mönchsberg, or

(2) use the elevator located 50 meters inside the mountain (Mönchsberggarage) on the way from the Toscaninihof. You can access the elevator using the door code:

1756# (Mozart's birthdate + #)



WLAN - Access:

Please use the EDUROAM login data provided by your university.



Examples for usernames:

max.muster@(edu.)fh-joanneum.at (Joanneum)

UserId@tuwien.ac.at (TU Vienna)

Further information can be found at

<http://www.aco.net/eduroam.html>

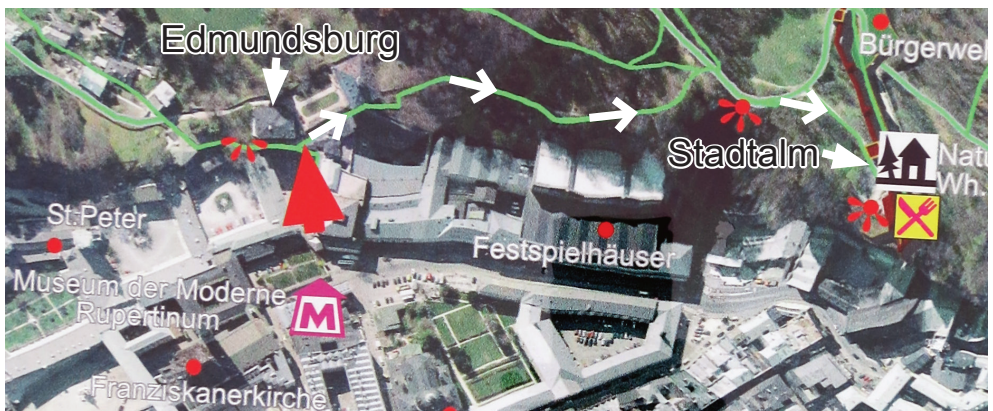
Settings

SSID: eduroam

Encryption: WPA2 + AES/CCMP

If you don't have access to EDUROAM please come to the registration desk.

Walkway to the Stadtalm:



09:00-18:00 Registration

09:00-10:00 Get Together and Coffee

10:00-10:15 Welcome Note

10:15-11:15 Invited Talk

Cognitive Biometrics: A Step Forward
Patrizio Campisi (Roma Tre University)

11:15-12:05 Session 1 - Student Forum (20+5 min)

- VeinPLUS: A Transillumination and Reflection-based Hand Vein Database
Alexander Gruschina (University of Salzburg)
- Using Dimension Reduction Techniques to Improve the Classification of High-dimensional Structural MRI
Andreas Grünauer (Vienna University of Technology)

12:05 Lunch Break

13:30-15:00 Session 2 - Featured Talks (25+5 min)

- Curriculum Learning of Multiple Tasks
Anastasia Pentina, Viktoriia Sharmanska and Christoph H. Lampert (IST Austria)
- The S-Hock Dataset: Analyzing Crowds at the Stadium
Paolo Rota¹, Davide Conigliaro², Francesco Setti³, Marco Cristan², Nicola Conci², Nicu Sebe² and Chiara Bassetti³ (¹Vienna University of Technology, ²University of Verona, ³ISTC-CNR)
- Object Tracking by a New Keypoint and Consensus Model
Roman Pflugfelder and Georg Nebehay (AIT Austrian Institute of Technology)

15:00-15:30 Coffee Break

15:30-17:10 Session 3 - Regular Papers (20+5 min)

- Object Modelling with a Handheld RGB-D Camera
Johann Prankl, Aitor Aldoma, Alexander Svejda and Markus Vincze (Vienna University of Technology)
- Measuring Visibility using Atmospheric Transmission and Digital Surface Model
Jean-Philippe Andreu¹, Stefan Mayer², Karl-Heinz Gutjahr¹ and Harald Ganster¹ (¹Joanneum Research, ²Austro Control)
- Performance Evaluation of Vision-Based Algorithms for MAVs
Thomas Holzmann, Rudolf Prettenhaler, Jesus Pestana, Daniel Muschick, Christian Mostegel, Friedrich Fraundorfer, Horst Bischof and Gottfried Graber (Graz University of Technology)
- The Minimum Spanning Tree of Maximum Entropy
Samuel de Sousa and Walter Kropatsch (Vienna University of Technology)

17:15-18:15 OAGM Vollversammlung

19:00-open end Dinner at Stadtalm & Best Paper Award

www.stadtalm.at

After the OAGM Vollversammlung you will be guided from the Edmundsburg to the Stadtalm.

Friday, May 29

08:45-14:00 Registration

09:00-10:00 Invited Talk

Why and how? User Intentions and their Relation to Multimedia Applications
Mathias Lux (University of Klagenfurt)

10:00-10:30 Coffee Break

10:30-12:10 Session 4 - Project Showcases (20+5 min)

- Vision-Based PCB Analysis for Recycling Purposes
Christopher Pramerdorfer and Martin Kampel (Vienna University of Technology)
- AutoFLOW: An Automated Flowcytometry Data Analysis Support System
Paolo Rota¹, Michael Reiter¹, Florian Kleber¹, Michael Dworzak², Stefanie Groeneveld-Krentz³ and Martin Kampel¹ (¹Vienna University of Technology, ²St. Anna Kinderkrebsforschung e.V., ³Paediatric Oncology/Haematology, Charité)
- CIMA- Centre of Image and Material Analysis in Cultural Heritage
Fabian Hollaus, Stefan Fiel and Robert Sablatnig (Vienna University of Technology)
- Biometric Sensor Forensics
Andreas Uhl (University of Salzburg)

12:10-13:30 Lunch Break

13:30-14:45 Session 5 - Industrial Track & Regular Papers (20+5 min)

- Systemic Randomness in Two-step Printing for Product Authentication with Mobile Devices
Thomas Bergmueller (Authentic Vision)
- Tunnel Surface 3D Reconstruction from Unoriented Image Sequences
Arnold Bauer¹, Karlheinz Gutjahr¹, Gerhard Paar¹, Robert Glatz² and Heiner Kontrus² (¹Joanneum Research, ²Dibit Messtechnik GmbH)
- Smooth and Iteratively Restore: A Simple and Fast Edge-preserving Smoothing Model
Philipp Kniefacz and Walter Kropatsch (Vienna University of Technology)

14:45-15:45 Microsoft Visual Computing Award Ceremony

15:45-16:15 Coffee Break

16:15-17:45 Session 6 - Featured Talks (25+5 min)

- Regression Forest for Automatic Age Estimation from Hand Magnetic Resonance Images
Darko Stern and Martin Urschler (Graz University of Technology)
- A Stable Multi-Scale Kernel for Topological Machine Learning
Roland Kwitt¹, Ulrich Bauer², Stefan Huber³ and Jan Reininghaus³ (¹University of Salzburg, ²Munich University of Technology, ³IST Austria)
- Distractor-aware Model-free Tracking
Horst Possegger, Thomas Mauthner and Horst Bischof (Graz University of Technology)

17:45-18:00 Closing and Farewell