

Monday, September 19, 2005

General Information:

Workshop & Tutorial Location:

Law Faculty
Churfürststrasse 1
Map no. 3a,b

Registration/Information:

ICT&S-Center
Sigmund Haffner Gasse 18
Map no. 1

Programm:

09:00 **Workshops + Tutorials** in parallel
10:30 **Break** (2nd floor at workshop area)
11:00 **Workshops + Tutorials** in parallel
12:30 **Lunch Break** (at Sala Terena)
14:00 **Workshops + Tutorials** in parallel
15:30 **Break** (2nd floor at workshop area)
16:00 **Workshops + Tutorials** in parallel
18:40 Have a nice Evening!

Workshops:

W1 and W4 are held together (HS 212):

W1 AIMS 2005: Artificial Intelligence in Mobile Systems
Christian Kray, Jörg Baus

W4 HCI in Mobile Guides
Keith Cheverst, Barbara Schmidt-Belz

W2 Context in mobile HCI (HS 208)
Kristijan Mihalic, Wolfgang Reitberger, Christoph Obermair, Manfred Tscheligi

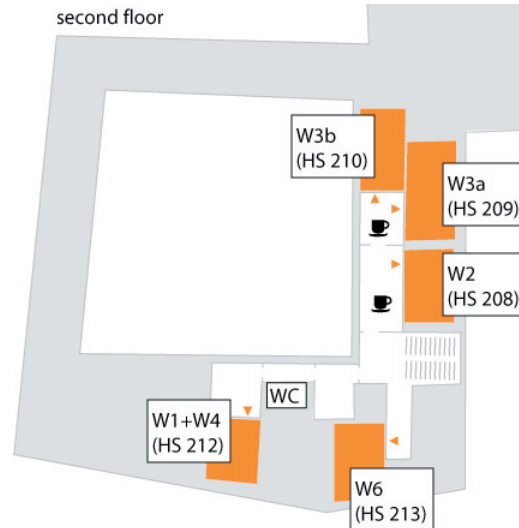
W3 Enabling and improving the use of mobile e-services (HS 209+210)

Bruno von Niman, Martin Böcker, Matthias Schneider-Hufschmidt, Margareta Flygt, Pascale Parodi, Pekka Ketola, David Williams, Michael Tate

W6 MOBILE MAPS 2005: Interactivity and Usability of Map-based Mobile Services (HS 213)

Liqiu Meng, Alexander Zipf

Map no. 3a:



Tutorials:

T2 Development of Interactive Applications for Mobile Devices (HS 202)

Enrico Rukzio, Michael Rohs, Daniel Wagner, John Hamard

T3 Handheld Usability: Design, Prototyping, & Usability Testing for Mobile Phones (HS 203)
Scott Weiss

T4 Mobile Interaction Design (HS 205)
Matt Jones, Gary Marsden

MOBILE HCI 05

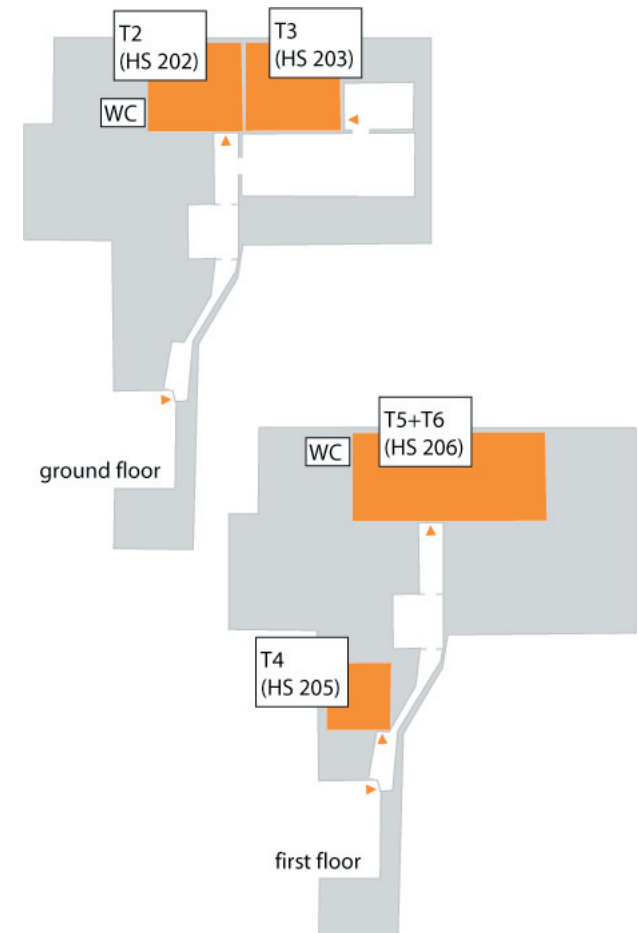
T5 How to Set-up a Corporate User Experience Team: Key Success Factors, Strategic Positioning, and Sustainable Organisational Implementations (HS 206)

Tobias Herrmann, Peter Messner

T6 Data Collection and Analysis Tools for Mobile HCI Studies (HS 206)

Tobias Heffelaar, Ruediger Beer

Map no. 3b:



Tuesday, September 20, 2005

General Information:

Session Location:

Great University Hall
Entrance: Furtwängler Park
Map no. 2

Registration/Information:

Great University Hall
Entrance: Furtwängler Park
Map no. 2

Programm:

09:00 Opening, Keynote

Interaction Design in the age of experience
eco-systems
Marco Susani

10:40 Break (at the foyer)

11:30 Session I: Social Communication

- Dynamic Privacy Management: a Plug-in Service for the Middleware in Pervasive Computing
Dan Hong, Vincent Y Shen, Mingxuan Yuan
- Towards Improving Trust in Context-Aware Systems by Displaying System Confidence
Stavros Antifakos, Nicky Kern, Bernt Schiele, Adrian Schwaninger
- Searching Common Experience: A Social Communication Tool Based on Mobile Ad-hoc Networking
Michimune Kohno
- Just-for-Us: A Context-Aware Mobile Information System Facilitating Sociality
Jesper Kjeldskov, Jeni Paay

- Building Social Discourse Around Mobile Photos – A Systemic Perspective
Risto Sarvas, Antti Oulasvirta, Giulio Jacucci

13:10 Lunch Break (ground floor)

14:30 Session 2: Designing Mobile Interaction

- SEREFE: Serendipitous File Exchange Between Users and Devices
Juwon Ahn, Jeffrey S. Pierce
- Exploring Bluetooth based Mobile Phone Interaction with the Hermes Photo Display
Keith Cheverst, Alan Dix, D. Fitton, Chris Kray, Mark Rouncefield, Corina Sas, G. Saslis-Lagoudakis, J. Sheridan
- A Comparison of Feedback Cues for Enhancing Pointing Efficiency in Interaction with Spatial Audio Displays
Georgios N. Marentakis, Stephen A. Brewster
- Placing Links in Mobile Banking Application
Tuuli Hyvärinen, Anne Kaikkonen, Mika Hiltunen
- Design Requirements for Mobile TV
Hendrik Knoche, John D. McCarthy

16:10 Break (at the foyer)

17:00 Session 3: Multimodal, Multidevice and Beyond

- Supporting Cognitive Walkthrough with Video Data: A Mobile Learning Evaluation Study
Silvia Gabrielli, Valeria Mirabella, Stephen Kimani, Tiziana Catarci
- Dynamic Generation of Migratory Interfaces
Renata Bandelloni, Giulio Mori, Fabio Paternò
- Tool-Supported Single Authoring for Device Independence and Multimodality
Rainer Simon, Florian Wegscheider, Konrad Tolar

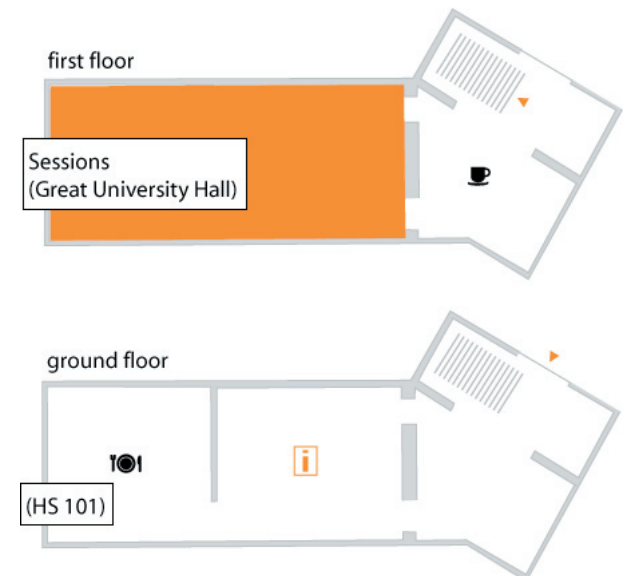
MOBILE HCI 05

- VirHKey: a VIRtual Hyperbolic KEYboard with gesture interaction and visual feedback for mobile devices
Benoît Martin
- Augmenting Audio Messages with Visual Directions in Mobile Guides: an Evaluation of Three Approaches
Luca Chittaro, Stefano Burigat

19:30 Guided tours: Salzburg by night

- city hills tour
 - downtown tour
 - beer tour
 - modern art tour
- Starting point: ICT&S-Center
„city hills tour“ and „downtown tour“ require registration.

Map no. 2:



General Information:

Session Location:

Great University Hall
Entrance: Furtwängler Park
Map no. 2

Registration/Information:

Great University Hall
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Map no. 2

Programme:

09:00 Session 4: Input and Visualisation

- Evaluating static text entry strategies with finite state automata
Frode Eika Sandnes
- Mobile Text Entry: Relationship between Walking Speed and Text Input Task Difficulty
Sachi Mizobuchi, Mark H. Chignell, David Newton
- ZuiScat - Querying and Visualizing Information Spaces on Personal Digital Assistants
Thorsten Buering, Harald Reiterer
- Spatial interactive visualization on small screen
Tero Hakala, Juha Lehtikoinen, Antti Aaltonen

10:40 Break (at the foyer)

11:30 Session 5: Dimensions of Context

- Using Context to Navigate Through a Photo Collection
Julien Pauty, Paul Couderc, Michel Banâtre

- Context-based design of mobile applications for museums: A Survey of existing practices
Dimitris Raptis, Nikolaos Tselios, Nikolaos Avouris
- SenseMS: A User-centered Approach to Enrich the Messaging Experience for Teens by Non-verbal Means
Alia Amin, Bram Kersten, Olga Kulyk, Elly Pelgrim, Chih-Ming Wang, Panos Markopoulos
- ContextContacts: Re-Designing SmartPhone's Contact Book to Support Mobile Awareness and Collaboration
Antti Oulasvirta, Mika Raento, Sauli Tiitta
- CANVIS: Context-Aware Network Visualisation using Smartphones
Keith Mitchell, Nicholas J. P. Race, Michael Clarke

13:10 Lunch Break (ground floor)

14:30 Posters, Demos, Industrial Case Studies

15:30 Panel: Mobile Presence: What Needs to Be Considered?

Moderator: Hisun Kim
Panelists: Byeong-cheol Hwang, Jaakko T. Lehtikoinen, Ian E. Smith, Elisa Vargas

16:30 Break (at the foyer)

17:20 Session 6: Guiding and Navigating

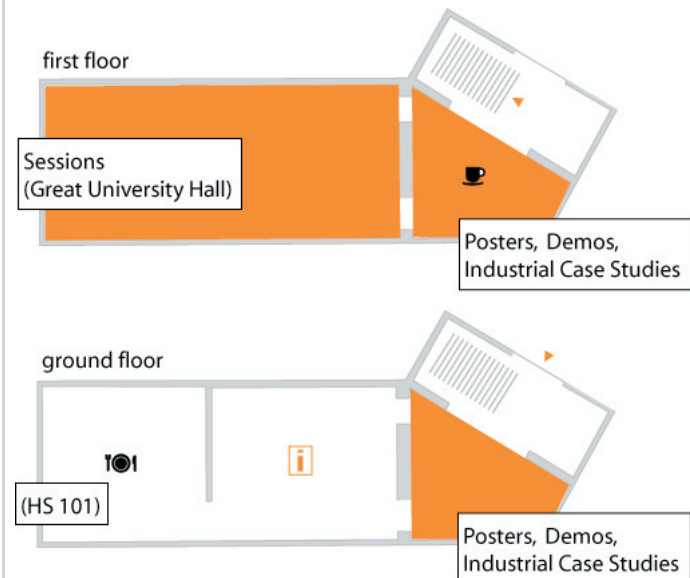
- Walk'n Scroll: A Comparison of Software-based Navigation Techniques for Different Levels of Mobility
Bonnie MacKay, David Dearman, Kori Inkpen, Carolyn Watters
- Understanding the Role of Image Recognition in Mobile Tour Guides
Nigel Davies, Alan Dix, Keith Cheverst, Andre Hesse

- TGH: A Case Study of Designing Natural Interaction for Mobile Guide Systems
Weining Yue, Heng Wang, Guoping Wang, Shu Mu
- Toward Bridge Building: Mapping the Landscape of Telecommunication Tools
Robert H. Miller, Elizabeth Roche

19:00 **Bustransfer** to the Social Event
bus stop: Herbert von Karajan Platz

19:30 **Social Event:**
at the summer palace Hellbrunn

Map no. 2:



Posters:

- P1 MAUSE-COST294: A Community of Interest and Practice
Effie L-C Law, Ebba T. Hvannberg, Regina Bernhaupt, Reinhard Selefin, Jan H. Skjetne
- P2 A Support System for Finding Lost Objects using Spotlight
Toyohisa Nakada, Hideaki Kanai, Susumu Kunifuji
- P3 Transforming Data Broadcast Contents to Fit Different User Interfaces - Generating a Readout Service for Mobile DTV Receiver
Kinji Matsumura, Kenjiro Kai, Hiroyuki Hamada, Nobuyuki Yagi
- P4 A Collaborative Environment for Enhanced Information Access on Small-Form-Factor Devices
Zhigang Hua, Hanqing Lu, Yutaka Kidawara, Katsumi Tanaka
- P5 Field-Based mLearning: Who Wants What?
Paul Ryan, Enda Finn
- P6 Mobile Maze: A Comparison of Camera Based Mobile Game Human Interfaces
Sam Bucolo, Mark Billingham, David Sickinger
- P7 Interacting with Virtual Reality scenes on mobile devices
David M. Mountain, Fotis Liarokapis
- P8 Improving System Recommendations Using Localization Feedbacks
Stefano Annesse, Andrea Ghittino, Guido Levi, Sonia Modeo, Federica Cena
- P9 User-Centred System Design: Addressing User Needs with a Mobile Information System
Christoph Herrmann, Jürgen Kawalek, Annegret Stark
- P10 Ubiquitous Cognition: Mobile Environment Achieved by Migratable Agent
Kohei Ogawa, Tetsuo Ono
- P11 Reversible Display: Content Browsing by Reverse Operation in Mobile Computing Environment
Satoshi Nakamura

- P12 AIRE: An Ambient Interactive and Responsive Environment for Mobile Image Management
Zhigang Hua, Qingshan Liu, Hanqing Lu, Xiang-Jun Wang, Xing Xie, Wei-Ying Ma
- P13 Audio Feedback on a Mobile Phone for Number Dialing
Hannu Korhonen
- P14 Supporting Information Retrieval on Mobile Devices
Ernesto William De Luca, Andreas Nürnberger
- P15 Using Cascade Method for Table Access on Small Devices
Rui Zhang, Carolyn R. Watters, Jack Duffy
- P16 Pr@senZ - P@CE: Mobile Interaction with Virtual Reality
Matthias Weber, Bernhard Jung, Thies Pfeiffer
- P17 Beyond Photoblogging - New Directions of Mobile Communication
Hsiu-Chuan Wang, Yi-Shin Deng, Sean Chiu

Demos:

- D1 BuddyBeads: Techno-Jewelry for non verbal communication within Teenager Girls Groups
Ruth Kikin-Gil
- D2 Headphones with Touch Control
Vincent Buil, Gerard Hollemans, Sander van de Wijdeven
- D3 Intellectual Teamwork on Smartphones
Nadya Belov, Colin Koeck, Werner Krandick, Joshua Shaffer, Thomas Hewett
- D4 Personal microdevices for wide-area location via mobile gateways
Felipe J. Gil-Castiñeira, Francisco J. González-Castaño, Jose M. Pousada-Carballo
- D6 Visual Object Detection from Mobile Phone Imagery for Context Awareness
Patrick Morris Luley, Lucas Paletta, Alexander Almer

Industrial Case Studies:

- ICS1 ETSI Guidelines for Setup Procedures of Mobile Terminals and E-services
ETSI
- ICS3 A First Glimpse into the State of Mobile Search
Google
- ICS4 On-screen vs. Physical Affordances in the Context of a Multimedia Cellphone
Motorola Labs
- ICS5 What the users want from a Converged Broadcast and Telecommunications System?
INSTINCT EC project
- ICS6 SCH-S310: Gesture Understanding Mobile Phone
Samsung
- ICS8 Language and cultural aspects of mobile communications
Castle Consulting Ltd.
- ICS9 WAP Age Verification: Porn on Your Phone
O2
- ICS10 Personalization and User Profile Management
APICA
- ICS11 Co-Design and the Commercialisation of the Mobile User Interface
MAJIRE Ltd.
- ICS12 Making Mobile Easier: Generic User Interface Elements for Mobile Terminals and Services
ETSI
- ICS13 Kick-Real, a Mobile Mixed Reality Game using Computer Vision Based Interaction
C-LAB
- ICS14 LOVO Lifestyle Assistant
LOVO
- ICS15 Integrated Micro Learning with the Knowledge Pulse
Research Studio

General Information:

Session Location:

Faculty for Cultural & Social Sciences
Rudolfskai 42
map no. 4

Invited Talk & Closing Panel Location:

Law Faculty
Kapitelgasse 4-6
Map no. 5

Registration/Information:

Faculty for Cultural & Social Sciences
Rudolfskai 42
Map no. 4

Programme (morning):

Session 7 and 8 in parallel:

09:00 Session 7: Toward Social Mobility (HS 380)

- The Effects of a Wireless On-Line Community Network on Social Capital
Mark Mc Nally, Majella Bannon, John Greaney, Aisling Hickey, Marian Mc Donnell, Mark Riordan
- ,It's like if you opened someone else's letter'
- User Perceived Privacy and Social Practices with SMS Communication
Jonna Häkkinä, Craig Chatfield
- Three Applications for Mobile Epidemic Algorithms
Paul Tennent, Malcolm Hall, Barry Brown, Matthew Chalmers, Scott Sherwood

- Mobile ,Tsunagari-kan':
Always-on, Casual Telecommunication
Toru Nakamura, Takumi Watanabe
- Telelogs: A Social Communication Space for Urban Environments
Brian Gordon Davis, Karrie Karahalios

09:00 Session 8: Interaction Techniques (HS 381)

- Comparing two one-handed access methods on a PDA
Lei Dong, Carolyn Watters, Jack Duffy
- Just Point and Click? Using Handhelds to Interact with Paper Maps
Derek Reilly, Michael Welsman-Dinelle, Colin Bate, Kori M. Inkpen
- Providing Support for Mobile Calendaring Conversations: An Evaluation of Dual-Purpose Speech
Kent Lyons, Christopher Skeels, Thad Starner
- Creation and Application of Mobile Media Design Drivers
Timo-Pekka Viljamaa, Akseli Anttila, Rob van der Haar
- A Personal-Area Network of Low-power Wireless Interfacing Devices for Handhelds: System & Hardware Design
Lin Zhong, Mike Sinclair, Niraj K. Jha

10:00 Break (at the foyer)

Session 9 and 10 in parallel:

10:50 Session 9: Fact Finding (HS 380)

- Opportunities and Challenges for Location Aware Computing in the Construction Industry
Andrew J. May, Val A. Mitchell, Tony Thorpe, Sarah Bowden

- Customer Expectation Level in Mobile Data Services
Deok Kyun Yun, Ki Young Kim, Han Seo Ko
- Stroke Break Analysis: a Practical Method to Study Timeout Value for Handwriting Recognition Input
Yanqing Cui, Vuokko Lantz
- Gather customer's real usage on mobile phones
Rachel Demumieux, Patrick Losquin
- Visualizing Use Context with Picture Scenarios in the Design Process
Sonja Pedell, Frank Vetere

10:50 Session 10: Optimising Navigation (HS 381)

- gpsTunes - controlling navigation via audio feedback
Steven Strachan, Parisa Eslambolchilar, Roderick Murray-Smith, Stephen Hughes, Sile O'Modhrain
- Navigation Control for Mobile Virtual Environments
Gary Marsden, Nicholas Tip
- Rolling, Rotating and Imagining in a Virtual Mobile World
Lynne Baillie, Harald Kunczier, Hermann Anegg
- Landmarks: Yes; but which? Five methods to select optimal landmarks for a landmark- and speech-based guiding system
Reinhard Sefelin, Michael Bechinie, Regine Müller, Verena Seibert-Giller, Peter Messner, Manfred Tscheligi
- Survey of Position Location techniques in Mobile Systems
Thanos Manesis, Nikolaos Avouris

Session 11 and 12 in parallel:

11:50 Session 11: Capturing Context (HS 380)

- Life is Sharable: Blogging Life Experience with RFID Embedded Mobile Phones
Yun-Maw Cheng, Tzu-Chuan Chou, Wai Yu
- ISeeU: Camera-based user interface for a handheld computer
Misook Sohn, Geehyuk Lee
- Context Awareness via a Single Device-Attached Accelerometer During Mobile Computing
Ji Soo Yi, Young Sang Choi, Julie Jacko, Andrew Sears

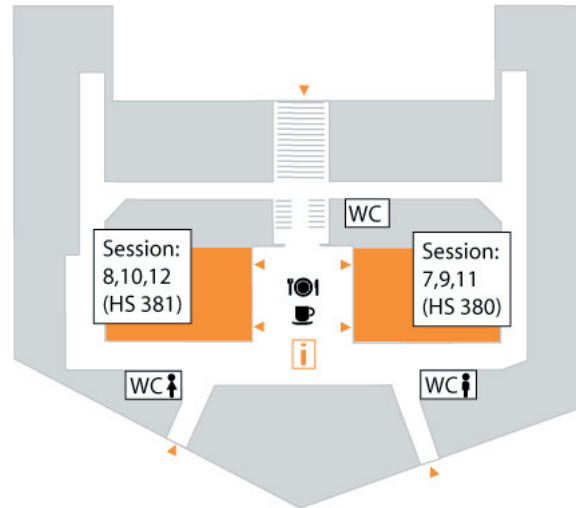
11:50 Session 12: Evaluating Mobile Content (HS 381)

- Cultural Difference and Mobile Phone Interface Design: Icon Recognition according to Level of Abstraction
Ji Hye Kim, Kun Pyo Lee
- Mobile Access to Personal Digital Photograph Archives
Cathal G. Gurrin, Gareth J. F. Jones, Hyowon Lee, Neil O'Hare, Alan F. Smeaton, Noel Murphy
- Mystery in the Museum: Collaborative Learning Activities using Handheld Devices
Jorge Simarro Cabrera, Henar Muñoz Frutos, Yannis Dimitriadis, Adrian George Stoica, Nikolaos Avouris, Georgios Fiotakis, Katerina Demeti Liveri

12:30 **Lunch Break** (at the foyer)

Map no. 4:

(Faculty for Cultural & Social Sciences, Rudolfskai 42)



Programme (afternoon):

before 14:00

walk to new location (Law Faculty, Kapitelgasse 4-6)

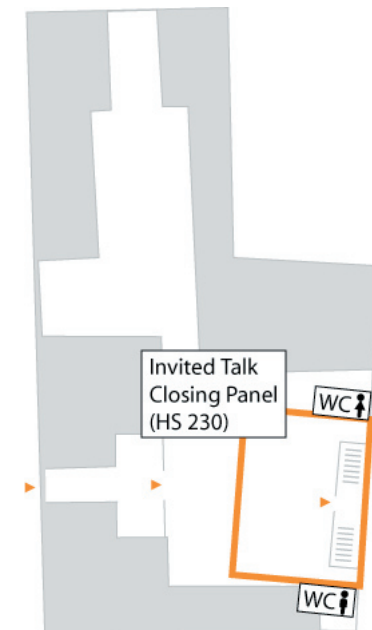
14:00 **Invited Talk:** The New Zen of PalmOS
Patrick McVeigh, Elizabeth Dykstra-Erickson

15:00 **Closing Panel:** The Guru's view, struggling for the ultimate mobile user experience
Moderator: Bruno von Niman
Panelists: Harri Kiljander, Martin Böcker, Walt Brown, Scott Weiss, Axel Steinhage, Didier Chincholle

16:30 **Closing MobileHCI 05**

Map no. 5:

(Law Faculty, Kapitelgasse 4-6)



General Information

On-Site Registration

Sunday, Sept 18 15:00-19:00
ICT&S Center (1)

Monday, Sept 19 07:30-19:30
ICT&S Center (1)

Tuesday, Sept 20 08:00-19:00
Great University Hall (2)

Wednesday, Sept 21 08:00-19:00
Great University Hall (2)

Thursday, Sept 22 08:00-10:00
Faculty for Cultural & Social Sciences (4)

You can reach the organisers during the conference on **+43-662-8044-4810**.

Wireless Internet

In order to access wireless internet you will need to configure the following:

1) Configure your wireless adapter to use DHCP with

- SSID: **RUKA** (uppercase)
- Key: none (open network)

2) Authenticate with the web-browser (BlueSocket) using

- Username: **mobilehci** (all lowercase)
- Password: **mobil4SEC** (note case!)

The wireless internet is accessible in the **Great University Hall** and **Faculty for Cultural & Social Sciences** (Rudolfskai).

Conference venues

No	Venue	Session(s)	Day(s)
1	ICT&S Center Sigmund-Haffner-Gasse 18	Conference Headquarters	all days
2	Great University Hall Entrance: Furtwängler Park 3a, 3b	Opening, Full papers, Posters, Demos, Industrials	Tuesday, Wednesday
3a,b	Law Faculty Churfürststrasse 1	Workshops, Tutorials	Monday
4	Faculty for Cultural & Social Sciences Rudolfskai 42	Short papers	Thursday morning
5	Law Faculty Kapitelgasse 4-6	Invited talk, Closing	Thursday afternoon



Notes: