

REAL CORP 2014

CONFERENCE PROGRAMME

PLAN IT SMART

CLEVER SOLUTIONS FOR SMART CITIES



21-23 MAY 2014, AUSTRIAN ECONOMIC CHAMBERS, VIENNA
1040 VIENNA, WIEDNER HAUPTSTRASSE 63

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WELCOME ADDRESS



*Manfred Schrenk, Schwechat, Austria;
Conference Director, Chairman CORP*

WELCOME to REAL CORP 2014, the 19th International Conference on Urban Planning, Regional Development, Information Society and Urban/Transport/Environmental Technologies!

“Smart Cities” has become a widely used term for the implementation of information and communication technologies (ICT) into the processes of cities and the built environment, aiming to improve the integration of the physical assets as well as social and environmental capital. Fired by several rankings there seems to be a competition for the title of the “Smartest City”. This kind of hype raises a lot of questions that REAL CORP 2014 will deal with. Can we plan it smart and find clever solutions for smart cities?

During the three conference days we will go deeply into the subject of smart cities and smartness and exchange our knowledge on current topics such as:

- What does “Smart City” mean in terms of quality of life?
- How does it influence the economic perspectives?
- Are the concepts of sustainability and resilience part of “Smart Cities”?
- What about politics and administration, policies and governance?
- How do “Smart Solutions” influence the “hardware” of a city, the urban fabric?
- Last but not least: what is the role of urban/spatial planning in and for “Smart Cities”?

Our conference takes place at a site with long historical background: People started to settle down in today’s Vienna area from the Neolithic era, later the spot was used to erect the Roman fortress Vindobona. The history of Vienna dates some thousand years back, and in its history the city has faced lots of changes and challenges. For sure this is going to continue in the future as cities have always been places of change, innovation and competence. We are still facing the effects of economic crisis and we have to deal with environmental issues more than ever before; handling these challenges and still being able to improve our cities and find strategies to point out their extraordinary opportunities as centres of interest will confront us with many different views – but which of these views can be considered smart and why?

Therefore, it will be a pleasure to discuss with colleagues from all over the world how we can make use of today’s tools and technologies to improve planning for our cities and for the people who live there to improve their quality of life.

REAL CORP 2014 in Vienna lets us compare and present different approaches to smartness including theory and practical examples from all continents – we are happy to welcome around 300 participants from over 50 countries worldwide. 140 presentations and more than 1,000 pages in the proceedings clearly show that there is plenty of room to discuss thoughts, make new contacts, develop new ideas and initiate upcoming projects.

Let me last but not least emphasize that the organisation of this year’s conference took place under truly difficult conditions, so I really want to say thank you especially to Clemens Beyer and Christian Eizinger for their huge efforts in the preparation of this event.

**Welcome to the Smart City Vienna!
Have a great conference!**

REAL CORP LIVE CONFERENCE GUIDE

What’s up next?

Where can I
find a certain
presentation?

What’s the
upcoming
session
about?



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next to the registration desk!**

Tuesday, 20 May 2014

evening

Informal Get Together

Wednesday, 21 May 2014

09:30 – 10:30

Come Together, Morning Coffee

10:30 – 12:30

Opening and Keynote Speeches

12:30 – 13:30

Lunch Break

Conference registration during and after lunch

13:30 – 15:00

Presentations, Workshops

15:00 – 15:30

Coffee Break

15:30 – 16:45

Keynote Session

16:45 – 17:00

Short Break

17:00 – 18:30

Presentations, Workshops

afterwards

Informal Get Together in the City

Thursday, 22 May 2014

09:00 – 10:30

Presentations, Workshops

10:30 – 11:00

Coffee Break

11:00 – 12:30

Presentations, Workshops

12:30 – 13:00

Pre-Lunch Keynote Speech

13:00 – 14:00

Lunch Break

14:00 – 15:30

Presentations, Workshops

15:30 – 16:00

Coffee Break

16:00 – 17:30

Presentations, Workshops

from 19:00

Evening Reception and Party at Austrian Chamber of Commerce

Friday, 23 May 2014

09:30 – 11:00

Presentations, Workshops

11:00 – 11:30

Coffee Break

11:30 – 13:00

Presentations, Workshops

13:00 – 13:30

Light Lunch

13:30 – 15:00

Presentations, Workshops

15:15 – 16:00

Summary, Final Discussion, Outlook, Farewell



KEYNOTE SPEAKERS



Andreas Schiller, Bergisch-Gladbach, Germany; Director of Schiller Publishing House

Andreas Schiller is publisher and editor-in-chief of SPH Newsletter, a publication that forecasts top trends and tendencies in the Central, Eastern and South-Eastern European real estate and investment markets, as well as Russia and the Commonwealth of Independent States.

He built his career in the 1990s while working as editor-in-chief for specialised German magazine *Immobilien Manager*, later becoming its publisher from 2003 to 2007. After years focused exclusively on Germany, Schiller broadened his horizons by working as an editor for European Real Estate before founding Schiller Publishing House in 2010. He is also a regular contributor to *Frankfurter Allgemeine* and *Der Standard*.



Thomas Madreiter, Vienna, Austria; Planning Director of the city of Vienna

Dipl.-Ing. Thomas Madreiter is city planning director of the city of Vienna. Born in Salzburg, he studied spatial planning at Vienna University of Technology and started working in 1995 for the city of Vienna in the departments of planning and architecture. From 2001 he was responsible for financial activities, economic policy and public utility services. 2005 he became leader of the city development and planning department. He was also involved in the foundation of the city of Vienna's energy planning department and since January 2013 he is city planning director.



Rudolf Giffinger, Vienna, Austria; Head of the Centre of Regional Science at Vienna University of Technology

Professor Dr. Rudolf Giffinger is an expert in analytical research of urban and regional development. His research mainly concentrates on intraurban development, urban decay, segregation/integration as well as on urban/metropolitan competitiveness of selected cities and respective strategic issues. He published and edited books, journals and articles on that subjects. He chairs working groups and is member of networks primarily related to urban and regional development in Central and Southeast Europe. Rudolf Giffinger is professor in Regional Science and head of the Centre of Regional Science which is part of the Department of Spatial Development, Infrastructure and Environmental Planning at the Vienna University of Technology.



Bernd Streich, Kaiserslautern, Germany; Professor for computer-aided design and planning methods

Bernd Streich is professor for computer-aided design and planning methods in spatial planning and architecture at the University of Kaiserslautern. After his studies in Hamburg and Bonn he became scientific assistant at the chair for urban design and urban settlement at the University of Bonn. 1983 he finished his doctoral degree on „Simulation of Urban Form/Design by Using Computer Techniques“; habilitation followed in 1987 on „Foundations of a Theory on General Leading Concepts in Urban Planning“. From 1987 to 1990 he worked for the planning department in the municipality of Essen, since then he is professor in Kaiserslautern.



UNIDO's Latin America and Caribbean programme is in charge of promoting industrial development in the region. UNIDO acts as a catalyst, helping to generate national economic wealth and raise industrial capacity through its role as a global forum for industrial development, and as a provider of technical cooperation services.

Accordingly to its core functions and services, UNIDO harnesses governments and private sectors to foster competitive industrial production, develop international industrial partnerships and promote socially equitable and environmentally friendly industrial production.

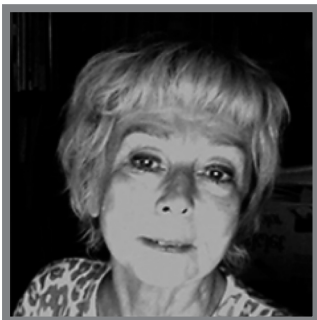
The objective of the programme is to optimize the technical cooperation delivered to countries of the LAC region, through consensual identification, formulation, implementation and follow-up of technical cooperation activities, including resource mobilization.

Carlos Chanduvi Suárez, Vienna, Austria; Chief of UNIDO Latin America and the Caribbean Regional Programmes



Wolfgang Streitenberger studied political science and economic history as well as economics at the universities of Vienna and Sorbonne, Paris, followed by a post-graduate study at College of Europe in Bruges, Belgium. Since 1996 he is senior official of the European Commission. Starting as Head of the European Commission Representation to Austria in Vienna, he worked as Senior Adviser for several directorates of the commission, since 2011 being Senior Adviser to the Director General, DG Information Society. Since 2007 Wolfgang Streitenberger is also lecturer in European Integration at Hogeschool Universiteit Brussels and has had lectures at universities of e. g. Riga, Tartu, Frankfurt/Oder or Bucharest.

Wolfgang Streitenberger, Brussels, Belgium; Conseiller and Senior Adviser for Regional Policy and Urban Development at the European Commission



Judith Ryser's website www.urbanthinker.com focuses on Open Cities, Polis and Politics, and Urban Art and Culture. The aim is to put professional activities and writings of Judith Ryser into the public domain under the creative commons agreement. It will include articles, essays, reviews, presentations and other writings. It will also include some 'odd thoughts' and reflections on everyday life which may stimulate networking and develop into professional activities. Judith Ryser is a member of Isocarp (International Society of City and Urban Planners) and head of the UK national delegation. She has been Vice president, member of the scientific committee and led an Urban Planning Advisory Team. She is contributing actively by writing and editing books and articles on behalf of Isocarp.

Judith Ryser, London, UK; CityScope Europe, Urban Thinker



Dr. Andrew U. Frank is Professor of Geoinformation at the Technical University of Vienna since 1991. He teaches courses in spatial information systems, representation of geometric data, design of Geographic Information Systems for administration and business, selection of GIS software, and economic and administrative strategies for the introduction of GIS. In 1999 he became head of the newly founded Institute for Geoinformation and Land Surveying. Based on his experience from consulting assignments his present research interests comprise the cultural differences among European GISusers as well as administrative and legal topics. He was also leader of the project "Study on European GI Policy Issues" under the GI2000 program of the EC. He is currently involved in the COST G9 project and to EU IST projects.

Andrew U. Frank, Vienna, Austria; Professor of Geoinformation at Vienna University of Technology








REVIEWER TEAM AND PROGRAMME COMMITTEE

Al-Hokail, Abdhakeem A.; Dr.	Urban Planner, Saudi Arabia	Dhahran, Saudi Arabia
Benedikt, Josef; Dr.	Geologic Dr. Benedikt, GIS & Fuzzy Logic	Vienna, AT
Beyer, Clemens; Dipl.-Ing.	CORP – Competence Center of Urban and Regional Planning	Vienna, AT
Bogdanovic, Ruzica; Prof.	University of Belgrade, Faculty for Transport & Traffic Engineering	Belgrade, Serbia
Broschart, Daniel; Dipl.-Ing.	TU Kaiserslautern, CPE	Kaiserslautern, DE
Bryx, Marek; Prof.	Warsaw University, Faculty of Economy	Warsaw, Poland
Cabello, Maria; MSc	Trabajos Catastrales, Departamento Comercial	Sarraguren, Navarra, E
Campagna, Michele; Prof. Dr.	Università degli Studi di Cagliari	Cagliari, IT
Dallhammer, Erich; Dipl.-Ing. Dr.	ÖIR – Österreichisches Institut für Raumplanung	Vienna, AT
Damyonovic, Doris; Dr.	University of Natural Resources and Applied Life Sciences	Vienna, AT
Dörrzapf, Linda; Dipl.-Ing.	CORP – Competence Center of Urban and Regional Planning	Schwechat, AT
Eizinger, Christian	CORP – Competence Center of Urban and Regional Planning	Schwechat, AT
El Adli, Khalid Z.; PhD	FURP – Cairo University	Heliopolis, Cairo, Egypt
Elisei, Pietro; Dr.-Ing.	Urbasofia	Bucharest, Romania
Emberger, Günter; Prof. Mag.Dr.	Vienna University of Technology	Vienna, AT
Engelke, Dirk; Prof. Dr.	Hochschule für Technik Rapperswil	Rapperswil, CH
Exner, Jan-Philipp; Dr.-Ing. MSc	TU Kaiserslautern, CPE	Kaiserslautern, DE
Floeting, Holger; Dipl.-Geogr.	DIFU – Deutsches Institut für Urbanistik	Berlin, DE
Garau, Chiara; Dr.	University of Cagliari, Faculty of Architecture	Cagliari, IT
Golubovic Matic, Darinka; MSc	Urban Planner	Tallinn, Estonia
Grimm-Pretner, Dagmar; Ass. Prof. Dipl.-Ing. Dr.	University of Natural Resources and Applied Life Sciences	Vienna, AT
Hanzl, Małgorzata; PhD	Technical University of Łódź	Łódź, Poland
Hauger, Georg; Prof. Dr.	Vienna University of Technology	Vienna, AT
Heins, Marcel; Dipl.-Ing. (FH)	Hochschule Anhalt (FH)	Bernburg, DE
Höhl, Wolfgang; Prof. Dr.-Ing.	Hochschule für angewandte Wissenschaften – FH München	München, DE
Honikel, Stephanie; MBA	HSG Zander International GmbH	Neu-Isenburg, DE
Jain, Bijendra K.; Arch. PhD	City of New Delhi, Delhi Development Authority	New Delhi, India
Klementschtz, Roman; Dr.	University of Natural Resources and Applied Life Sciences	Vienna, AT
Krause, Kai Uwe; DI Dr.	Freie und Hansestadt Hamburg, Geoinformation und Vermessung	Hamburg, DE
Kudryavtsev, Fedor; Arch.	Moscow Architectural Institute, President of MARCHI	Moscow, Russia
Mironowicz, Izabela; Prof. Dr.	Wroclaw University of Technology	Wroclaw, Poland
Morgado, Sofia; Prof. Dr.	Technical University of Lisbon	Lisbon, Portugal
Murgante, Beniamino; Prof. Dr.	University of Basilicata	Potenza, IT
Navratil, Gerhard; Prof. Dr.	Vienna University of Technology	Vienna, AT
Netsch, Stefan; Dipl.-Ing.	Karlsruhe Institute of Technology (KIT)	Karlsruhe, DE
Neuschmid, Julia; Mag.	CORP – Competence Center of Urban and Regional Planning	Schwechat, AT
Nilina, Nadya; Dr.	City College of New York	New York, USA
Pfaffenbichler, Paul; DI Dr.	Vienna University of Technology	Vienna, AT
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Poplin, Alenka; Prof. Dr.	HafenCity University Hamburg	Hamburg, DE
Popovich, Vasily V.; Prof. Dr.	Russian Academy of Sciences, SPIRAS, Head of OOGIS Laboratory	St. Peterburg, Russia
Prezioso, Maria; Prof.	Università Tor Vergata	Rome, IT
Prosperi, David C.; Prof. Dr.	Florida Atlantic University, School of Urban & Regional Planning	Fort Lauderdale, USA
Rau, Stefan; Prof. Dipl.-Ing. Arch.	Lanzhou University of Technology, Metropolitan Synergies Shanghai	Shanghai, PR China
Ryser, Judith; Arch	City Scope Europe, Urban Thinker	London, UK
Salvemini, Mauro; Prof.	Università degli Studi La Sapienza	Rome, IT
Schrenk, Manfred; Dipl.-Ing.	CORP – Competence Center of Urban and Regional Planning	Schwechat, AT
Steinnocher, Klaus; Dipl.-Ing. Dr.	Austrian Institute of Technology	Vienna, AT
Stephens, Ric;	Urban Planner	Portland, Oregon, USA
Storch, Harry; Dr.-Ing.	Brandenburgische Technische Universität Cottbus	Cottbus, DE
Stupar, Aleksandra; Prof. Dr.	University of Belgrade, Department of Urbanism	Belgrade, Serbia
Taha, Dina; Ass. Prof. Dr.	Alexandria University, Faculty of Engineering	Alexandria, Egypt
Tillner, Silja; Mag.	Architekten Tillner&Willinger	Vienna, AT
Voigt, Andreas; Prof. Dr.	Vienna University of Technology	Vienna, AT
Wankiewicz, Heidrun; Mag.	planwind.at	Salzburg, AT
Wasserburger, Wolfgang W.; Dipl.-Ing.	CORP – Competence Center of Urban and Regional Planning	Schwechat, AT
Wilkinson, Adam; Dr.	Edinburgh World Heritage	Edinburgh, UK
Yekani Fard, Seyed Ahmad Reza; Dr.	Islamic Azad University	Dubai, UAE
Zeile, Peter; Dr.-Ing.	TU Kaiserslautern, CPE	Kaiserslautern, DE

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Wednesday, 21 May 2014

Time		
09:30-10:30	Come Together, Morning Coffee	
	Grand Hall	
10:30-12:30	Welcome by Representatives of Organisers, Partners and Sponsors	
	 <p>Manfred SCHRENK Conference Director, Chairman CORP – Competence Center of Urban and Regional Planning</p>	 <p>Andreas SCHILLER Director of Schiller Publishing House</p>
	KEYNOTES	
		<p>Thomas MADREITER City of Vienna Extreme Protection of Resources with Smart Methods – Smart City Wien</p>
		<p>Rudolf GIFFINGER Vienna University of Technology, Department of Spatial Planning Smart City: a Place-Based Understanding of Urban Challenges</p>
		<p>Bernd STREICH Technical University Kaiserslautern When Urban Smartness becomes Subversive</p>
12:30-13:30	Registration, Lunch	

WEDNESDAY

THURSDAY

FRIDAY

SCHEDULE

Wednesday, 21 May 2014

Time	Auditorium 1	Auditorium 2
13:30-15:00	<p>Smart Cities: Theory and Reality Chair: Beniamino Murgante</p>	<p>Planning in the European Framework Chair: Pietro Elisei</p>
WEDNESDAY	<p>🏆 Scientific and Practical Understandings of Smart Cities Corinne MOSER, Thomas WENDEL, Vicente CARABIAS-HÜTTER ZHAW, Institute of Sustainable Development; Winterthur, CH</p>	<p>Spatial Plan of the Republic of Serbia in the Light of Digital Agenda for Europe 2020 Ljiljana ZIVKOVIĆ Republic Agency for Spatial Planning, Dept. for Spatial Development IS; Belgrade, Serbia</p>
THURSDAY	<p>🏆 Smart City – a Quest for Innovation within the EPS Framework Małgorzata HANZL*, Antonina MLYNARCZYK**, Alizee TESSIER***, Fanny NOIROT****, Marcos Merino MUNOZ*****, Iban MICIECES***** * Lodz University of Technology, Institute of Architecture and Town Planning; Lodz, Poland ** Lodz University of Technology, Faculty of Biotechnology; Lodz, Poland *** École Nationale d'Ingénieurs de Tarbes, Faculty of Industrial Engineering; Tarbes, France **** Université d'Orleans; Orleans, France ***** University Complutense de Madrid, Faculty of Computer Science; Madrid, Spain ***** University of Basque Country, Faculty of Industrial Engineering; Bilbao, Spain</p>	<p>🏆 European Academic Smart Cities Network – Renewable Urban Energy Systems, Sustainable Mobility and ICT Technology Nexus for Smart Cities Studies Darya BULULUKOVA, Harald WAHL, Mathias BALLNER UAS Technikum Wien, Institute of Information Engineering & Security; Wien, AT</p>
FRIDAY	<p>The Path From Smart Buildings towards Smart City in China: the Case of 2010 Shanghai EXPO Yanlin ZHOU Nanjing, China</p> <p>The Future of Work Alisa KAPIC Regus, Country Director Austria; Vienna, AT</p>	<p>European Standards for Vocational Training in Urban Regeneration Krzysztof CHUCHRA*, Marek BRYX**, Julia NEUSCHMID*** * Edinburgh World Heritage; Edinburgh, UK ** Warsaw School of Economics; Warsaw, Poland *** CEIT ALANOVA; Schwechat, AT</p> <p>🏆 Resilient and Smart Public Spaces: the Div@ter Digital Platform Marichela SEPE IRAT-CNR, DiARC Università di Napoli Federico II; Napoli, Italy</p>
15:00-15:30	Coffee Break	

Wednesday, 21 May 2014

Auditorium 4	Auditorium 6	Time
Mobilität in der smarten Stadt Chair: Martin Memmel	Visualisation, Interactivity, Participation and Branding Chair: Uschi Dorau	13:30-15:00
Mobilstationen – Bausteine für eine zukunftsfähige Mobilität in der Stadt Jan GARDE*, Hendrik JANSEN*, Daniel BLÄSER** * Universität Duisburg-Essen, Institut für Stadtplanung und Städtebau; Essen, DE ** TU Dortmund, FG Städtebau, Stadtgestaltung und Bauleitplanung; Dortmund, DE Smartes Straßendesign für Smart Cities Dieter SCHWAB*, Martina STRASSER** * walk-space.at, CO, Chair; Wien, AT ** Walk-space.at; Wien, AT EmoCycling – Analysen von Radwegen mittels Humansensorik und Wearable Computing Stefan HÖFFKEN*, Peter ZEILE*, Benjamin BERGNER**, Johann WILHELM*, Dennis GROSS* * University of Kaiserslautern, Department for Computer Aided Design in Urban Planning and Architecture (CPE); Kaiserslautern, DE ** University of Kaiserslautern, Urban Sociology; Kaiserslautern, DE 🏆 Identifikation von Kriterien für den smarten Einsatz von Elektrobussen in den Netzen des ÖPNV Carina MAY, Conny LOUEN RWTH Aachen, Institut für Stadtbauwesen und Stadtverkehr; Aachen, DE	🏆 Urban Development Simulator: An Interactive Decision Support Tool for Urban Planners Enabling Citizen's Participation Wolfgang LOIBL, Ernst GEBETSROITHER-GERINGER AIT Austrian Institute of Technology GmbH, Energy Department; Vienna, AT Infographics for Smart People in Smart Cities Kersten NABIELEK PBL Netherlands Environmental Assessment Agency, Department for Spatial Development (ROL); The Hague, The Netherlands 🏆 City Branding as a Smart Solution for Cities, Urban Design Elements on City Branding Hossein MOHAMAD HASSANI Shahid Beheshti University, Faculty of Architecture and Urban Planning; Tehran, Iran	
		15:00-15:30

WEDNESDAY

THURSDAY

FRIDAY

SCHEDULE

Wednesday, 21 May 2014

Time	Auditorium 1
15:30-16:45	Infrastructure and Supply Chair: Andreas Schiller
WEDNESDAY	<p>🏆 Externalities and Local Government Policy as Braking Factors of the Development of Water Supply Systems in the Russian Towns Andrey MAKSIMOV Perm National Research Politecnic University, Management; Perm, Russia</p>
THURSDAY	<p>🏆 CitInES Project – Tool for the Sustainable Energy Action Plan for Cities Nicolas PARDO GARCIA*, Rébecca ARON**, Clémence BÉNEVENT**, Sofia BURIOLI***, Silvia MORIGI**** * AIT - Austria Institute of Technology, Energy Department; Wien, AT ** Artelys France, Energy and Smart City Business Unit; Paris, France *** Municipality of Cesena; Cesena, Italy **** Municipality of Cesena, Energia per la citta; Cesena, Italy</p>
FRIDAY	<p>RegioProjektCheck – New Instruments to Evaluate the Impacts of Housing, Industry and Retail Projects. Case Study: New Supermarkets and their Effects on Existing City Centres Sascha ANDERS HafenCity Universität Hamburg (HCU); Hamburg, DE</p> <p>Smart Governance Answers to Metropolitan Peripheries: Regenerating the Deprived Area of the Morandi Block in the Tor Sapienza Neighbourhood (Rome) Pietro ELISEI, Maria PREZIOSO, Angela D'ORAZIO Università Tor Vergata, Dept. Science, Technology, Education; Rome, Italy</p>
16:45-17:00	Short Break




What is
auditorium 4
currently
playing?

What's up next?



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Wednesday, 21 May 2014

Auditorium 6		Time
Keynote Session Chair: Manfred Schrenk		15:30-16:45
	Carlos CHANDUVI-SUAREZ UNIDO Smart Industries	WEDNESDAY THURSDAY FRIDAY
	Wolfgang STREITENBERGER Conseiller - Senior Adviser, DG Regional Policy and Urban Development, European Commission, Brussels, BE The Urban Dimension in the EU Cohesion Policy	
	Judith RYSER CityScopeEurope Urbanthinker; London, UK 🏆 Planning For Smart Cities ... Sustainable, Healthy, Liveable, Creative Cities ... or Just Planning In and For Cities?	
		16:45-17:00

Also note the live info monitor next to the registration desk!

SCHEDULE

Wednesday, 21 May 2014

Time	Auditorium 1	Auditorium 2
17:00-18:30	Planning and Decision Support Chair: Peter Zeile	Urban Mobility Labs Chair: BMVIT & AustriaTech
WEDNESDAY	<p>🏆 In the Public Eye: Toward the Electronic Transparency of Planning Process Aleksandra STUPAR, Aleksandra DJUKIC Faculty of Architecture, University of Belgrade, Department of Urbanism; Belgrade, Serbia</p>	<p>Urban Mobility Labs – Research Environments for Future Mobility Karin TAUSZ Austria Tech, Vienna, AT</p>
THURSDAY	<p>🏆 The TRANSFORM DSE – an Interactive Decision Support Environment for Serving Smart City Strategy Development and Local Measure Implementation Wolfgang LOIBL*, Stefan VIELGUTH*, Jan PETERS-ANDERS*, Sebastian MÖLLER*, Daiva JAKUTYTE-WALANGITANG*, Joost BRINKMAN**, Ivo WENZLER**, Alex CRAMWINCKEL** * AIT Austrian Institute of Technology GmbH, Vienna, AT ** Accenture; Amsterdam, The Netherlands</p>	<p>🏆 A Back Step before Proposing Smart Interventions. Fitting People Needs with Innovations Anania MEREU University of Cagliari; Cagliari, Italy</p>
FRIDAY	<p>🏆 The Effect of Potential-based Land Tax on Land Utilization Gerhard NAVRATIL*, Reinfried MANSBERGER**, Christoph TWAROCH***, Gerhard MUGGENHUBER****, Reinhold WESSELY***** * Vienna University of Technology, Department for Geodesy and Geoinformation; Vienna, AT ** University of Natural Resources and Life Sciences, Department of Landscape, Spatial and Infrastructure Sciences; Vienna, AT *** Vienna University of Technology, Department of Geodesy and Geoinformation; Vienna, AT **** Federal Office of Metrology and Surveying; Vienna ***** International Consultant; Hof am Leithagebirge, AT</p>	<p>Smart City Labs als Möglichkeitsraum für technologische und soziale Innovationen zur Steigerung der Lebensqualität in Städten Barbara HAMMERL StadtLABOR Graz, Managing director; Graz, AT</p>
	<p>🏆 Assessment of BIM Potentials in Interdisciplinary Planning through Student Experiment and Practical Case Study Iva KOVACIC*, Lars OBERWINTER*, Christoph ACHAMMER*, Michael FILZMOSER** * Vienna University of Technology, Industrial Building and Interdisciplinary Planning; Vienna, AT ** Vienna University of Technology, Institute for Management Sciences; Vienna, AT</p>	<p>Application of Aggregated Indices Randomization Method for Prognosing the Consumer Demand on Features of Mobile Navigation Applications Tatiana POPOVICH*, Andrey MAKSHANOV*, Sergey DOSENKO** * SPIIRAS; St. Petersburg, Russia ** The Bonch-Bruевич Saint – Petersburg State University of Telecommunications; St. Petersburg, Russia</p>
from 18:30	Informal get together in the city	

Wednesday, 21 May 2014

Auditorium 4	Auditorium 6	Time
<p>Theorie und Praxis – Planung und Realität in der Smart City Chair: Daniel Broschart</p>	<p>Smart Ecology Chair: Małgorzata Hanzl</p>	17:00-18:30
<p>🏆 Wer plant die Planung? Widersprüche in Theorie und Praxis Harald FREY Technische Universität Wien, Insitut für Verkehrswissenschaften – Forschungsbereich für Verkehrsplanung und Verkehrstechnik; Wien, AT</p> <p>Daten, Informationen und Wissen zu Alltagswegen – eine Voraussetzung für Smart Cities?! Bente KNOLL B-NK GmbH Büro für nachhaltige Kompetenz; Wien, AT</p> <p>Städtebauliche Kalkulation mit Decision Support Infrastructure – das Beispiel der Analyse ökonomischer Wirkungen eines kommunalen Baulandmodells Dominik WEISS, Theo KÖTTER Universität Bonn, Institut für Geodäsie und Geoinformation; Bonn, DE</p> <p>🏆 Leben2050 – Bürgerbeteiligung in einer vorausschauenden Studie zu selbstbestimmtem Leben im Alter in Wien Niklas GUDOWSKY*, Mahshid SOTOUDEH**, Leo CAPARI** * Innovendo e.U.; Wien, AT ** Österreichische Akademie der Wissenschaften, Institut für Technikfolgen-Abschätzung; Wien, AT</p> <p>🏆 Leitprojekt ECR Energy City Graz-Reininghaus Ernst RAINER*, Kersten HOFBAUER*, Hans SCHNITZER**, Thomas MACH***, Stephan MAIER**, Alexander PASSER****, Helmuth KREINER****, Thomas WIELAND*****, Yvonne BORMES* * TU Graz, Institut für Städtebau; Graz, AT ** TU Graz, Inst. f. Prozess- und Partikeltechnik; Graz, AT *** TU Graz, Institut für Wärmetechnik; Graz, AT **** TU Graz, Institut für Materialprüfung und Baustofftechnologie; Graz, AT ***** TU Graz, Institut für elektrische Anlagen; Graz, AT</p>	<p>🏆 Mobile Tools for Urban Sensing and Climate Monitoring in Smart Cities Benjamin ALLBACH*, Sascha HENNINGER**, Oliver GRIEBEL* * Fachhochschule Kaiserslautern; Kaiserslautern, DE ** University of Kaiserslautern, Dept. of Physical Geography; Kaiserslautern, DE</p> <p>🏆 Identifying Cultural Ecosystem Services of Urban Green Infrastructure – Report about a Pilot Project undertaken in Lower Austria Christine ROTTENBACHER, Tim CASSIDY Ingenieurbüro für Landschaftsarchitektur; Geras, AT</p> <p>Garden in Motion – an Experience of Citizens Involvement in Public Space Regeneration Beniamino MURGANTE*, Sara LORUSSO**, Gerardo SASSANO***, Michele SCIOSCIA***, Antonio GRAZIADEI***, Pasquale PASSANNANTE****, Sara BELLAROSA*****, Francesco SCARINGI***** * University of Basilicata, School of Engineering; Potenza, Potenza ** Giardino in Movimento Association; Potenza, Italy *** WOP architettura e paesaggio; Potenza, Italy **** NUR Association; Rome, Italy ***** Basilicata 1799 Associationo; Potenza, Italy</p> <p>“Smarth Growth” Planning Approach – Can it Provide a Solution to the Conservation Problem of Istanbul Urban Region’s Natural Resources? Hale MAMUNLU KOCABAŞ Mimar Sinan Fine Arts University, City and Regional Planning; Beyoglu, Istanbul</p>	<p>WEDNESDAY</p> <p>THURSDAY</p> <p>FRIDAY</p>
		from 18:30

SCHEDULE

Thursday, 22 May 2014

Time	Auditorium 1	Auditorium 2
09:00-10:30	Smart Cities for Smart People Chair: Uschi Dorau	Data and Digital Infrastructures Chair: Beniamino Murgante
WEDNESDAY THURSDAY FRIDAY	<p>🏆 Smart Cities Need Smart Citizens, but What About Smart Children? Sabine HENNIG IFFB Geoinformatics – Z_GIS; Salzburg, AT</p> <p>🏆 Smart Kids Make Cities Smarter Cecilia SCOPPETTA Sapienza University of Rome; Rome, Italy</p> <p>A Spatial Planning and Design Approach to Smart Cities Willemieke HORNIS Ministry for Infrastructure and the Environment, Spatial Development; The Hague, The Netherlands</p> <p>🏆 Share it – Don't Own it: Space Sharing as a Smart Solution for Cities and Regions? Petra HIRSCHLER, Sibylla ZECH Vienna University of Technology, Department of Spatial Planning; Wien, AT</p>	<p>🏆 Ökotopia – Multidimensional Cities need Multidimensional Data Hans-Georg FRANTZ FH JOANNEUM, EVU; Kapfenberg, AT</p> <p>🏆 Linked Open Data for Environmental Protection in Smart Regions – the New Challenge for the Use of Environmental Data and Information Sarmite BARVIKA*, Karel CHARVAT**, Maris ALBERTS*** * Riga Technical University, The Faculty of Engineering Economics and Management Department of Civil Construction and Real Estate Economics; Riga, Latvia ** Help Service Remote Sensing; Benešov, Czech Republic *** Institute of Mathematics and Computer Science University of Latvia; Riga, Latvia</p> <p>🏆 It's Not Big, It's Large: Mapping and Characterizing Urban Landscapes of a Different Magnitude based on EO Data Michael WIESNER, Hannes TAUBENBÖCK Deutsches Zentrum für Luft- und Raumfahrt (DLR), Deutsches Fernerkundungsdatenzentrum (DFD); Weßling, DE</p>
10:30-11:00	Coffee Break	

Thursday, 22 May 2014

Auditorium 4	Auditorium 6	Time
All the World is Smart Chair: Adela Marcoci	Smart Mobility Chair: Jan-Philipp Exner	09:00-10:30
<p>🏆 Rethinking the Strategic Dimensions of Smart Cities in China's Industrial Park Developments: the Experience of Suzhou Industrial Park, Suzhou, China Joon Sik KIM*, Xiangyi WANG** * Xi'an Jiaotong-Liverpool University, Department of Urban Planning and Design; Suzhou, Jiangsu Province, China ** University College London; London, UK</p> <p>Smart Governance for Smart Region: The Yaroslavl Region Case Anastasia DUBOVA, Dmitriy RAZUMOV Yaroslavl, Russia</p> <p>Smart Cities – Case of Hungary Mihály LADOS, Boglárka HORVÁTH BARSÍ Centre for Economic and Regional Studies, Hungarian Academy of Sciences, West Hungarian Research Institute, Institute for Regional Studies; Győr, Hungary</p> <p>Information Society and Smart Growth Tarik FATHY Egypt</p>	<p>🏆 New Concepts for Urban Highways Control Martin GREGURIĆ, Edouard IVANJKO, Sadko MANDŽUKA Faculty of Transport and Traffic Sciences, University of Zagreb, Department of Intelligent Transportation Systems; Zagreb, Croatia</p> <p>🏆 Influence of Transport on Urban and Rural Development in Bosnia and Herzegovina Nusret DREŠKOVIĆ, Rahman NURKOVIĆ University of Sarajevo, Faculty of Science, Geography; Sarajevo, Bosnia and Herzegovina</p> <p>🏆 Simulation Game for Future Mobility – Support Tool for the Discussion Process about Scenarios of Future Mobility in SUMP Processes Conny LOUEN, Daniel HORN RWTH Aachen University, Institute for urban and transport planning; Aachen, DE</p> <p>🏆 Moving Objects Tracking in Distributed Maritime Observation Systems Vasily POPOVICH, Victor ERMOLAEV, Andrei MAKSHANOV, Stanislav VLASOV SPIIRAS, OOGIS Lab.; St. Petersburg, Russia</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">WEDNESDAY</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">THURSDAY</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">FRIDAY</p>
		10:30-11:00

SCHEDULE

Thursday, 22 May 2014

Time	Auditorium 1	Auditorium 2
11:00-12:30	How to Make a City Smart Chair: Beniamino Murgante	Smart Cities Workshop Chair: City of Kraków and Rudolf Giffinger
WEDNESDAY	<p>🏆 Competition between Cities and Regions in Europe – Can Smart Spatial Planning Interact with Gravitational Site Location Models for External Investment? Jan ZAMAN Flemish regional government, spatial development department; Brussels, Belgium</p>	<p>Smart Energy Efficient Urban Development: Experiences of PLEEC Florian STROHMAYER, Herbert HEMIS, Rudolf GIFFINGER Vienna University of Technology, Centre of Regional Science; Vienna, AT</p>
THURSDAY	<p>Smarting the City or Development: The Dilemma of the Post-Oil Countries in sub-Saharan Africa Alexander Boakye MARFUL Spaysis Architecture, Planning and Engineering; Stuttgart, DE</p>	<p>Smart City Kraków: Between Metropolitan Challenges and Local Interests Wojciech PRZYBYLSKI Krakowski Park Technologiczny; Kraków, Poland</p>
FRIDAY	<p>🏆 TRANSFORM – Governing Smart Cities by Projects Christof SCHREMMER, Max KINTISCH, Heidi COLLON, Stephanie KIRCHMAYR-NOVAK, Ursula MOLLAY, Barbara SARINGER-BORY ÖIR; Vienna, AT</p> <p>🏆 Smart Cities between Ethics and Aesthetics Chiara GARAU*, Luigi MUNDULA**, Andrea SALUSTRI*** * University of Cagliari, DICAAR; Cagliari, Italy ** University of Cagliari, Department of Business and Economics; Cagliari, IT *** University of Rome "Tor Vergata"; Rome, Italy</p>	<p>🏆 Checking Smartness “On the Ground”: Historically Rooted Dilemmas, Future Challenges and Visions for a Smarter Metropolitan Area of Rome Cecilia SCOPPETTA Sapienza University of Rome; Rome, Italy</p> <p>🏆 Concept of “Smart City” and its Practice in Poland. Case Study of Łódź City Ewelina SZCZECH Warsaw School of Economics, Institute of Foreign Trade and European Studies; Warsaw, Poland</p>
Auditorium 6		
12:30-13:00	<p>Pre-Lunch Keynote Speech</p> <p>Andrew FRANK TU Wien, Geodesy and Geoinformation; Wien, AT Sharing Geographic Data: How to Update Distributed or Replicated Data</p> <p style="text-align: center;">Auditorium 6</p>	
13:00-14:00	<p>Lunch Break</p>	



Pre-Lunch Keynote Speech




Andrew FRANK

TU Wien, Geodesy and Geoinformation; Wien, AT

Sharing Geographic Data: How to Update Distributed or Replicated Data

Auditorium 6

Thursday, 22 May 2014

Auditorium 4	Auditorium 6	Time
Wohnen, Leben, Lieben und Bewegen in der Smart City Chair: Martin Memmel	Urban Mobility Labs – Building the Bridge from Innovation to Deployment	11:00-12:30
<p> Smarter Cities – ein Modell lebenswerter Städte Bettina MANDL*, Susanne JANSCHITZ-ZIMMERMANN** * Karl-Franzens-Universität Graz, Institut für Geographie und Raumforschung; Graz, AT ** Karl-Franzens-Universität Graz, Institut für Geographie und Raumforschung; Graz, Austria</p> <p>Urban Living – Smart & Sustainable!? – Tool für den Wohnungsvergleich Susanne SUPPER ÖGUT – Österreichische Gesellschaft für Umwelt und Technik, Innovatives Bauen & Energie; Wien, AT</p> <p>L(i)ebenswerte Quartiere – Methode der Wohnportraits als Beitrag zur smarteren Planung?! Mechtild STIEWE, Regina SIDEL ILS – Institut für Landes- und Stadtentwicklungsforschung, Forschungsfeld Alltagsmobilität und Verkehrssysteme; Dortmund, DE</p> <p> Lampertheim effizient – Herausforderungen für Mittelstädte im Rahmen der Smart-City-Debatte Carolin DIETRICH, Anika TRUM, Andreas WITTE RWTH Aachen, Lehrstuhl und Institut für Stadtbauwesen und Stadtverkehr; Aachen, DE</p>	<p>What defines “Urban Mobility Labs” and how can such a concept work in the future? How will the future city influence our mobility habits and thereby change our means of transport?</p> <p>Get yourself in action and develop interactively concepts and strategies for future urban mobility labs within this workshop. The main objective of this session will be to go through a co-creation process and to have a joint view on the full picture. Try out an innovative workshop-design working in small groups to force a re-thinking of existing research and development structures and find out how to build the bridge from innovation to deployment with the help of urban mobility labs.</p> <p><i>This workshop is presented by AustriaTech in cooperation with the bmvit – Austrian Ministry for Transport, Innovation and Technology.</i></p>	<p>WEDNESDAY</p> <p>THURSDAY</p> <p>FRIDAY</p>
Auditorium 4		
Resilience Revisited Chair: Christian Eizinger		
<p> The Reification of Resilience and the Implications for Theory and Practice Ksenia CHMUTINA*, Gonzalo LIZARRALDE**, Lee BOSHER*, Andrew DAINTY* * Loughborough University, Civil and Building Engineering; Loughborough, UK ** University of Montreal, Architecture; Montreal, Canada</p>		12:30-13:00
		13:00-14:00

SCHEDULE

Thursday, 22 May 2014

Time	Auditorium 1	Auditorium 2
14:00-15:30	<p>Smart, Sustainable, Resilient, Blue-Green Eco Cities ... – Marketing or Reality? Chair: Peter Zeile</p>	<p>CLUE Workshop 1</p>
WEDNESDAY	<p>🏆 Smart Planning & Smart Cities Jan-Philipp EXNER TU Kaiserslautern, Fachgebiet Computergestützte Planungs- und Entwurfsmethoden (CPE); Kaiserslautern, DE</p>	<p>Climate Neutral City Districts – the Smartest Form of a City's Districts? Michael ERMAN City of Stockholm, Planning Department; Stockholm, Sweden</p>
THURSDAY	<p>🏆 More Open Space in a Densified City Silja TILLNER Architects Tillner & Willinger; Vienna, AT</p>	<p>Why Reinvent the Wheel? Capitalising on European Regions' Experience in Tackling Climate Change and Planning for Smart Cities Dóra ALMÁSSY External Expert of the Regional Environmental Center for CEE; Szentendre, Hungary</p>
FRIDAY	<p>🏆 Urban Green Infrastructure Planning as a Contribution to the Smart "Green" City Florian REINWALD*, Doris DAMYANOVIC**, Christiane BRANDENBURG**, Brigitte ALLEX**, Birgit GANTNER**, Christina CZACHS**, Jürgen PREISS** * BOKU Vienna, Institute of Landscape Planning; Vienna, AT ** Wien, AT</p> <p>CEIT – Rise and Fall of a Research Institute Manfred SCHRENK CORP – Competence Center of Urban and Regional Planning; Schwechat, AT</p>	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Designing the Future City of +Vienna</p> </div> <div style="text-align: center;">  <p>INNOVATION & ENVIRONMENT REGIONS OF EUROPE SHARING SOLUTIONS</p>  <p>CLUE Climate Neutral Urban Districts in Europe</p> </div> </div> <div style="text-align: center; margin-top: 20px;">  <p>European Union European Regional Development Fund</p> </div> <div style="text-align: center; margin-top: 20px;">  </div>
15:30-16:00	<p>Coffee Break</p>	

Thursday, 22 May 2014

Auditorium 4	Auditorium 6	Time
Gewerbe, Industrie, Unternehmen: Schlüsselakteure für Smart Cities Chair: Max Harnoncourt	Smart ICT in the Urban Context Chair: Wolfgang W. Wasserburger	14:00-15:30
<p>🏆 Unort Gewerbegebiet? Qualitätsvolle Freiräume als Grundlage für Arbeitsorte Martina JAUSCHNEG*, Myriam MAIER**, Peter HÖGER**, Volkmar PAMER*** * MJ Landschaftsplanung e.U., Wien, Österreich ** Wirtschaftskammer Wien; Vienna, AT *** Magistrat der Stadt Wien, Magistratsabteilung 21; Vienna, AT</p> <p>Blue City Mannheim – innovative Konzepte für Konversionsflächen in Mannheim Alexander KUHN, Walter RHIEM, Dorothea BARTNIK MVV Enamic Regioplan GmbH; Mannheim, DE</p> <p>Beiträge innovationsorientierter Unternehmensförderung zur Umsetzung des Smart-City-Konzepts am Beispiel Wien Alfred BRAUMANN*, Dominic WEISS** * Wirtschaftsagentur Wien, Wirtschaftspolitik und EU-Angelegenheiten; Wien, AT ** TINA Vienna, Smart City Wien Agentur; Wien, AT</p>	<p>🏆 The E-City or the City on the Cloud José Luis MIRALLES I GARCIA Polytechnic University of Valencia, Urban Planning; València, Spain</p> <p>🏆 Use of ICT and Mass Media in the Planning Processes: the Two Sides of the Same Coin Federica LEONE University of Cagliari, Department of Civil and Environmental Engineering and Architecture; Cagliari, Italy</p> <p>🏆 Information-Analytical System for Managing Cities of Perm Region Spatial Development Svetlana MAKSIMOVA*, Didier VANCUTSEM**, Alexey Y. ZAVIALOV*, Kseniia O. MEZENINA*, Petr S. MIKUSHIN*** * Perm National Research Polytechnic University, Architecture and Urbanism; Perm, Russia ** Université Libre de Bruxelles; München, DE *** ZAO PROGNOZ; Perm, Russia</p> <p>🏆 A Simulation of Land Use/Cover Change for Urbanization on Chennai Metropolitan Area, India Rajendran VIJAYALAKSHMI, Toshiyuki KANEDA Nagoya, Japan</p>	<p>WEDNESDAY</p> <p>THURSDAY</p> <p>FRIDAY</p>
		15:30-16:00

SCHEDULE

Thursday, 22 May 2014

Time	Auditorium 1	Auditorium 2
16:00-17:30	Mobility in Smart Cities Chair: Jan-Philipp Exner	CLUE Workshop 2
WEDNESDAY	Smart & Sustainable Urban Mobility – Reviewing Planning Concepts and Cultures Claus SEIBT, Oliver LAH Wuppertal Institute for Climate, Environment, Energy, Climate, Transport and Energy; Wuppertal, DE	Smart Cities as a Tool to Tackle Global Challenges Marc MONTLLIÓ*, Gustavo RODRÍGUEZ**, Itzel SANROMÀ*** * Barcelona Regional, Environmental Projects Director; Barcelona, Spain ** Barcelona Regional, Energy Infrastructures Chief; Barcelona, Spain *** Barcelona Regional, Environmental Officer; Barcelona, Spain
THURSDAY	🏆 Factors Affecting Future Tour Generation in Bogota: a Dynamic Model Approach Luis A. GUZMAN, Julian GOMEZ Universidad de los Andes, Civil and Environmental Department; Bogota, Colombia	The Urban Quality Protocol of Roma Capitale Franco LA TORRE*, Massimo MENGONI** * Municipality of Rome, CLUE project manager; Rome, Italy ** Municipality of Rome, Director and mobility manager; Rome, Italy
FRIDAY	The Role of Logistics Services in Smart Cities: the Experience of ENCLOSE Project Giorgio AMBROSINO*, Stefan GUERRA**, Irene PETTINELLI***, Carlos SOUSA**** * MemEx srl; Livorno, Italy ** Lucense; Lucca, Italy *** MemEx; Livorno, Italy **** Ageneal; Almada, Portugal	The European Innovation Partnership “Smart Cities & Communities” Philipp BARTH Europäische Kommission – Generaldirektion für Kommunikationsnetze, Inhalte und Technologien, Policy Officer für Smart Cities and Communities; Brussels, Belgium
	🏆 Smart Navigation for Modern Cities Oksana SMIRNOVA*, Nataly ZHUKOVA** * SPIIRAS; St.Petersburg, Russia ** St.Petersburg, Russia	  
	Multilayer Information Management System for Personalized Urban Pedestrian Routing Harbil ARREGUI*, Patrick KREJCI**, Oihana OTAEGUI*, Estibaliz LOYO* * Vicomtech; Donostia, Spain ** CEIT Alanova; Schwechat, AT	 European Union European Regional Development Fund
19:00-23:30	CORP Evening Event at the Austrian Chamber of Commerce	

Thursday, 22 May 2014

Auditorium 4	Auditorium 6	Time
<p>Modelle und Methoden für smartere Städte Chair: Dirk Engelke</p>	<p>CLUE Workshop 3</p>	<p>16:00-17:30</p>
<p>🏆 Virtuelle Leerstandsbespielung – “Pop-Up-Zwischennutzung” mittels Augmented Reality Christoph HOLDERLE*, Stefan HÖFFKEN*, Martin MEMMEL**, Peter ZEILE* * University of Kaiserslautern, Department for Computer Aided Design in Urban Planning and Architecture (CPE); Kaiserslautern, DE ** German Research Center for Artificial Intelligence (DFKI GmbH), FB Knowledge</p> <p>Modellierung raum-zeitlicher Bevölkerungsverteilungsmuster im Katastrophenmanagementkontext Klaus STEINNOCHER*, Christoph AUBRECHT*, Heinrich HUMER**, Hermann HUBER** * AIT Austrian Institute of Technology GmbH, Energy Department; Wien, AT ** AIT Austrian Institute of Technology GmbH, Safety and Security Department; Wien, AT Management; Kaiserslautern, DE</p>	<p>Citizens’ Participation in Carbon Neutral Urban Districts Karel MULDER, Udo PESCH TU Delft, Faculty of Technology, Policy and Management; Delft, The Netherlands</p> <p>Smart City Wien Initiative – Quick Intro Pia HLAVA, Lara TIEDE Smart City Wien Initiative, City of Vienna, Municipal Department 18 – Urban Development & Planning; Vienna, AT</p> <p>Cultural Probes – Samples of Visualising a Smart City Michael LEITNER*, Simone RACK** * Create.at Mediadesign **4 Dimensions Beratungs- und Forschungsinstitut</p> <p>Sustainability Challenge – Participation Opportunities in the Context of Energy Poverty and Energy Wealth Anna HABERL*, Cornelia KONRAD*, Nicole RINGER** * University of Vienna; Vienna, AT ** Vienna University of Technology; Vienna, AT</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div data-bbox="815 1352 1082 1688">  <p>Designing the Future City of +Vienna</p> </div> <div data-bbox="1139 1352 1369 1688">  <p>INNOVATION & ENVIRONMENT REGIONS OF EUROPE SHARING SOLUTIONS</p>  <p>Climate Neutral Urban Districts in Europe</p> </div> </div> <div style="display: flex; justify-content: center; align-items: center; margin-top: 20px;">  <div style="margin-left: 10px;"> <p>European Union European Regional Development Fund</p> </div> </div> <div style="display: flex; justify-content: center; align-items: center; margin-top: 20px;">  </div>	<p>19:00-23:00</p>

WEDNESDAY
THURSDAY
FRIDAY

SCHEDULE

Friday, 23 May 2014

Time	Auditorium 1	Auditorium 2
09:30-11:00	Smart Urban Design Chair: Małgorzata Hanzl	Transition to Smart Chair: Sibylla Zech
WEDNESDAY THURSDAY FRIDAY	<p>🏆 A Smart Researching and Planning Tool for the Neuralgic Urban Zone: 3D-ZPA (Zusammenhängende Parterre-Aufnahme) Angelika PSENNER Vienna University of Technology, Urban Design; Vienna, AT</p> <p>🏆 A Visionary Study on Urban Neighbourhood Models in Kabul City Based on Actual Surveys Sofia SAHAB*, Rim MEZIANI**, Toshiyuki KANEDA* * Nagoya, Japan ** Abu Dhabi, UAE</p> <p>🏆 ARchitecture – Augmented Reality Techniques and Use Cases in Architecture and Urban Planning Daniel BROSCHE, Peter ZEILE TU Kaiserslautern, cpe; Kaiserslautern, DE</p> <p>🏆 Modelling Day and Night Time Population using a 3D Urban Model Monika KUFFER, Richard SLIUZAS University of Twente, Faculty of Geo-Information Science and Earth Observation (ITC); Enschede, The Netherlands</p>	<p>🏆 Institutional Framework of Brownfield Regeneration in Serbia Ana PERIC, Danilo FURUNDZIC Faculty of Architecture, University of Belgrade, Department of Urban Planning; Belgrade, Serbia</p> <p>🏆 Recycling Architecture: the Redefinition of Recycling Principles in the Context of Sustainable Architectural Design Milan SIJAKOVIC*, Ana PERIC** * School of Architecture of Barcelona, UPC, Architectural Projects; Barcelona, Spain ** Faculty of Architecture, University of Belgrade, Department of Urban Planning; Belgrade, Serbia</p> <p>🏆 City in Transition: Urban Open Innovation Environments as a Radical Innovation Gert-Joost PEEK Rotterdam University of Applied Science, RDM Campus, Sustainable Solutions; Voorburg, Nederland</p> <p>🏆 Challenges and Opportunities to Develop a Smart City: A Case Study of Gold Coast, Australia Bhishna BAJRACHARYA, David CATTELL, Isara KHANJANASTHITI Bond University, Urban Planning Program, Faculty of Society & Design; Gold Coast, Australia</p>
11:00-11:30	Coffee Break	

Friday, 23 May 2014

Auditorium 4	Auditorium 6	Time
Residential Smartness Chair: Christian Eizinger	Smart Imagination of Cities and their Future Chair: Uschi Dorau	09:30- 11:00
<p> Assessing Smart Locations – the MORECO Project Susanne FRANZ*, Ulrike REUTTER*, Eva HASLAUER**, Dagmar SCHNÜRCH**, Thomas PRINZ** * Technische Universität Kaiserslautern, Institut für Mobilität und Verkehr imove; Kaiserslautern, DE ** Research Studios Austria Forschungsgesellschaft mbH; Salzburg, AT</p> <p>Smart House as a Contributor to Smart City Services – Technological and Economic Aspects Iwona WINDEKILDE*, Knud Erik SKOUBY**, Per LYNGGAARD** * Center for Communication Media & Information technologies (CMI), Aalborg University Copenhagen; Copenhagen SV, Denmark ** Center for Communication Media & Information technologies (CMI), Aalborg University Copenhagen; Copenhagen SV, Denmark</p> <p> Deteminants of the Value of Houses: a Case Study Concerning the City of Cagliari, Italy Corrado ZOPPI, Sabrina LAI, Michele ARGIOLAS University of Cagliari, Dipartimento di Ingegneria Civile, Ambientale e Architettura; Cagliari, Italy</p>	<p>Narrative Urban Mapping Renate KRAUSE, Stefan HÖFFKEN, Bernd STREICH TU Kaiserslautern, CPE; Kaiserslautern, DE</p> <p> Integration of Emotional Behavioural Layer “EmoBeL” in City Planning Rania RASLAN, Khaled AL-HAGLA, Ali BAKR Faculty of Engineering, Alexandria University, Department of Architecture; Alexandria, Egypt</p> <p> Games in Urban Planning – a Comparative Study Bärbel REINART, Alenka POPLIN HafenCity University Hamburg, Urban Planning; Hamburg, DE</p> <p>What could be the “Imaginary Institution” of the City? Olivier LEFEBVRE Olivier Lefebvre Consultant; Paris, France</p>	11:00- 11:30

WEDNESDAY

THURSDAY

FRIDAY

SCHEDULE

Friday, 23 May 2014

Time	Auditorium 1	Auditorium 2
11:30-13:00	ICT Solutions for Smart Cities Chair: Max Harnoncourt	Smart Apps: How Social Media are Used in Planning Chair: Wolfgang W. Wasserburger
WEDNESDAY	🏆 Smart Cities and ICT – Insights from the Morgenstadt Project Willi WENDT, Wolf ENGELBACH, Dominik KALISCH, Thomas VANDIEKEN Fraunhofer IAO; Stuttgart, DE	🏆 The Use of Social Media in the Gautrain in Gauteng Province, South Africa: Analysis and Lessons Learnt Walter MUSAKWA University of Johannesburg, Town and Regional Planning; Johannesburg, South Africa
THURSDAY	Will the Guidebook “Green and Blue Spatial Planning” be a Value Help for Styrian Cities to Become a “Smart City”? Christine SCHWABERGER Amt der Stmk. Landesregierung Abteilung 13 Bau- und Raumordnung, Örtliche Raumplanung; Graz, AT	🏆 Social Media Geographic Information: Current Developments and Opportunities in Urban and Regional Planning Pierangelo MASSA, Michele CAMPAGNA University of Cagliari, DICAAR; Cagliari, Italy
FRIDAY	🏆 An Urban Sensing System as Backbone of Smart Cities Benjamin ALLBACH*, Sascha HENNINGER** * Fachhochschule Kaiserslautern – University of Applied Sciences, Fachbereich Angewandte Ingenieurwissenschaften & Fachbereich Bauen und Gestalten; Kaiserslautern, DE ** University of Kaiserslautern, Dept. of Physical Geography; Kaiserslautern, DE	🏆 Automated Urban Management Processes: Integrating a Graphical Editor for Modular Domain-Specific Languages into a 3D GIS Andreas STEIN, Michel KRÄMER Fraunhofer IGD, Geoinformationsmanagement; Darmstadt, DE
	Social Media Data in Tourism Planning: Analysing Tourists’ Satisfaction in Space and Time Roberta FLORIS*, Michele CAMPAGNA** * Università degli studi di Cagliari, Ingegneria del territorio; Cagliari, Italia ** Università degli studi di Cagliari, Ingegneria del Territorio; Cagliari, Italia	
13:00-13:30	Short Lunch Break	

Friday, 23 May 2014


Auditorium 4	Auditorium 6	Time
Stadtentwicklung und neue Medien Chair: Dirk Engelke	Quality of (Smart) Life Chair: Adela Marcoci	11:30-13:00
<p>🏆 „What is planning for?“ Die Evaluation von strategischer Stadtentwicklungsplanung am Beispiel Wohnen Judith BORNHORST Akademie für Raumforschung und Landesplanung (ARL); Hannover, DE</p> <p>🏆 Der Einsatz von Social Media im Stadtmarketing Alexander MASSER*, Hans-Jürgen SEIMETZ**, Peter ZEILE*** * Computergestützte Planungs- und Entwurfsmethoden in Raumplanung und Architektur – CPE; Hütschenhausen, DE ** Struktur- und Genehmigungsdirektion Süd; Neustadt an der Weinstraße, DE *** Computergestützte Planungs- und Entwurfsmethoden in Raumplanung und Architektur – CPE; Kaiserslautern, DE</p> <p>Neue Einblicke – Social Media Monitoring in der Stadtplanung Stefan HÖFFKEN, Lucas JOA TU Kaiserslautern, Fachgebiet CPE; Kaiserslautern, DE</p> <p>Smart Städte brauchen smarte Unternehmungen Hans SCHNITZER Stadtlabor Graz; Graz, AT</p>	<p>🏆 Quality of Time Spent Matters! Barbara GOLICNIK MARUSIC*, Damjan MARUSIC** * Urban Planning Institute of the Republic of Slovenia; Ljubljana, Slovenia ** DIPSTOR; Ljubljana, Slovenia</p> <p>A Smart “Cairo” in the Making: A Strategic Approach towards a Better Quality of Life Heba SAFEY ELDEEN Misr International University, Architecture; Cairo, Egypt</p> <p>🏆 Metrical Analyses on Population and Economic Growth and Urban “Quality Of Life” of Metropolitan Cities in China during the 00s Toshiyuki KANEDA*, Meiyong TIAN*, Yang WANG*, Mingji CUI**, Renbao JIN* * Nagoya Institute of Technology; Nagoya, Japan ** Ritsumeikan University; Kyoto, Japan</p> <p>🏆 Smart Environment for Smart Cities: Assessing Urban Fabric Types and Microclimate Responses for Improved Urban Living Conditions Katrin HAGEN*, Beatrix GASIENICA-WAWRYTKO*, Wolfgang LOIBL**, Stephan PAULEIT***, Richard STILES*, Tanja TÖTZER**, Heidelinde TRIMMEL*, Mario KÖSTL**, Wolfgang FEILMAYR**** * Vienna University of Technology, Institute of Urban Design and Landscape Architecture; Vienna, Austria ** AIT Austrian Institute of Technology; Vienna, AT *** Strategic Landscape Planning and Management; Vienna, DE **** Vienna University of Technology, Centre of Regional Science; Vienna, AT</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">WEDNESDAY</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">THURSDAY</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">FRIDAY</p>
		13:00-13:30

SCHEDULE

Friday, 23 May 2014

Time	Auditorium 1	Auditorium 2
13:30-15:00	From Yesterday to Smart Chair: Christian Eizinger	Smart Approaches to Understand the City Chair: Gerhard Navratil
WEDNESDAY THURSDAY FRIDAY	<p>🏆 Ancient Smartness of Tomorrow Cecilia SCOPPETTA Sapienza University of Rome; Rome, Italy</p> <p>Regional Identity and Culture in Intercompany Networks – a Case of Transdanubian Winery Networks László TAMÁNDL, Arpad BRANYI Széchenyi István University; Győr, Hungary</p> <p>Social and Economic Aspects of Urban Regeneration Marek BRYX*, Krzysztof CHUCHRA** * Warsaw School of Economics; Warsaw, Poland ** Edinburgh World Heritage; Edinburgh, UK</p>	<p>Exploring Population Distribution and Motion Dynamics through Mobile Phone Device Data in Selected Cities – Lessons Learned from the UrbanAPI Project Wolfgang LOIBL*, Jan PETERS-ANDERS*, Johann ZÜGER*, David LUDLOW**, Zaheer KHAN** * AIT Austrian Institute of Technology; Vienna, AT ** UWE; Bristol, UK</p> <p>🏆 The Research on New Town Development Strategy in Metropolitan Outskirts: A Case Study of Liangzhu New Town Qi FAN, Hu XIAOMING, Zhao YI Hangzhou, China</p> <p>Smart City and Disaster Management Shabnam FARBOUD Tehran, Iran</p>
15:15-16:00	Auditorium 6	Summary, Final Discussion, Outlook, Farewell

Friday, 23 May 2014

Auditorium 4	Auditorium 6	Time
	Planning Information Systems Chair: Klaus Steinnocher	13:30-15:00
	<p>The New ÖROK's Spatial Monitoring and Online Atlas System www.oerok-atlas.at Elisabeth STIX*, Alexander PUCHER** * ÖROK, Vienna, AT University of Vienna; Vienna, AT</p> <p> Open Street Map for Multi-Modal Freight Transport Planning Markus MAYR, Gerhard NAVRATIL Vienna University of Technology, Geodesy and Geoinformation; Vienna, AT</p> <p>CentropeSTATISTICS – a tool for Cross-Border-Data-Presentation Clemens BEYER*, Manfred SCHRENK*, Norbert STRÖBINGER** * Multimediplan.at; Schwechat, AT ** Planungsgemeinschaft Ost (PGO); Vienna, AT</p> <p>Attract-SEE – Assessing Territorial Attractiveness in South East Europe. Towards Monitoring Information System for Territorial Attractiveness Blaž BARBORIČ Geodetic institute of Slovenia; Ljubljana, Slovenia</p>	
		15:15-16:00

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Getting around in Vienna by public transport

All underground and commuter train lines on this map are in the same fare zone (zone 100) and can therefore be used with the same ticket. Each single ticket (EUR 2.10) is valid for one journey from any starting point to any destination. Not only underground and commuter trains but also trams and buses can be used. You can obtain the whole range of tickets (including 24, 48 and 72 hour tickets) from the ticket machines in any underground station. In buses and trams only single tickets are sold (EUR 2.20).

The map below shows the public transport network within the inner districts of Vienna. This is most probably the area where you get around. Our conference venue is marked by the orange spot in the lower middle of the map.

