

Arbeitskreis „The digital city of tomorrow“

Coordination: Siegfried Reich (Salzburg Research Forschungsgesellschaft), Michael Mürling (AIT Austrian Institute of Technology / Safety & Security Department), Michael Hlava (AIT Austrian Institute of Technology) on behalf of “Forschung Austria” (Austria’s association for RTOs – research and technology organisations)

Moderator: Univ.-Doz. Dr. Siegfried Reich

Place/Time: European Forum Alpbach, Tyrol. Technology Forum (August 24-27, 2011), Friday August 26, 9-15h, see <http://www.alpbach.org/index.php?id=1134>

Language: English

Background:

We are living in the age of cities: estimations suggest that by the year 2050 over 70% of the world’s population will be living in cities. There are many open issues and research questions related to this development, from urban development, transportation and economic development to social services, healthcare, energy, public safety, education and more.

This workshop will focus on the “smart city”, a place with efficient, effective and sustainable services where people can enjoy a high quality of life; a city that is characterised by its digital heartbeat, connectivity and intelligent services that benefit its population.

Presentations and talks (Status 20.04.2011)

- Requirements, limitations and a wishlist:
 - *Title: Requirements for a digital city: the perspective of Belgrad*
Referent: Prof. Dr. Sanja Vraneš, Scientific director, Mihajlo Pupin Institute, Belgrad (<http://www.imp.bg.ac.rs/>) **[AGREED]**
- Technological opportunities and European frameworks
 - *Title: Interconnectedness in the smart city*
Referent: DI Helmut Ludwar, CTO IBM Austria **[AGREED]**
 - *Title: Ambient Assistant Living in the Digital City*
Referent: DI Gerald Schatz, Director Austrian Center of Competence in Mechatronics GmbH und LCM GmbH **[AGREED]**
- Examples, best practises, showcases, perspectives
 - *Title: Developing Challenges for city development in emerging countries: Examples from Sochi, North Caucasus and others*
Referent: DI Gernot Leitner, CEO Masterconcept Consulting Ltd. **[AGREED]**
 - *Title: Open Innovation in the Public Sector: The Open Cities Project*
Referent: Esteve Almirall, Associate Professor ESADE Business School **[AGREED]**
 - *Title: Mobility in the city of tomorrow*
Referent: Christian Kern, General Manager Österreichische Bundesbahnen **[AGREED]**
 - *Title: eMobility & Energy*
Referent: KR Ing Helmut Miksits, Director Wiener Stadtwerke Holding AG **[AGREED]**
 - *Title: Schladming 2013: a temporal digital city*
Referent: DI Gerhard Greiner, Managing Director, Infonova GmbH, Austria **[AGREED]**
- Summary and conclusions

Other workshops (“Arbeitskreise”) at the technology forum Alpbach, Tyrol:

Sponsor	Theme
Infineon	Zukunft der Produktion in Europa
Industriellenvereinigung	Die Zukunft der urbanen Mobilität
FFG	Demand for innovation - nachfrageseitige Innovationspolitik
Rat FTE	Outcome und Effizienz von FTI- Investitionen
BMVIT	Urban Development
BMWF	Lebensmittelsicherheit und Verteilungsgerechtigkeit
BMWFJ	Risikokapital
BMUKK	Naturwissenschaftliche Bildung für künftige Generationen
Land Niederösterreich	Technologie der Demographie
Land Oberösterreich/TMG	Information Technology - Opportunities and Responsibilities
Land Salzburg	Der Nutzer ist König - kundenorientierte Innovationsprozesse
Forschung Austria	The digital city of tomorrow