

REAL CORP 2018

CONFERENCE SCHEDULE

23rd International Conference on Urban Planning and Regional Development in the Information Society



EXPANDING CITIES DIMINISHING SPACE

ARE “SMART CITIES” THE SOLUTION
OR PART OF THE PROBLEM OF CONTINUOUS URBANISATION
AROUND THE GLOBE?



4-6 APRIL 2018, TU WIEN, CAMPUS GUSSHAUS
GUSSHAUSSTRASSE 25-29, 1040 VIENNA, AUSTRIA

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EXPANDING CITIES – DIMINISHING SPACE

Are “Smart Cities” the solution or part of the problem of continuous urbanisation around the globe?



SCHEDULE

Wednesday, 4 April 2018

Time		
09:00-10:00	Registration, Come Together	
	Auditorium 1	
10:00-11:00	Welcome by Representatives of Organisers and Partners, Keynotes	
	 <p>Manfred SCHRENK Conference Director, Chairman CORP, Lecturer at TU Wien, Department of Spatial Planning</p>	 <p>Gerhard NAVRATIL TU Wien, Department for Geodesy and Geoinformation, Research Group Geoinformation</p>
	 <p>Martin DUBBELING President-elect of ISOCARP – International Society of City and Regional Planners; The Hague, NL</p>	<p>WEDNESDAY</p> <p>THURSDAY</p> <p>FRIDAY</p>
	 <p>Expanding Cities – Diminishing Space: Perspectives from Outer Space</p> <p>Dr. Hannes TAUBENBÖCK Deutsches Zentrum für Luft- und Raumfahrt (DLR); Weßling, Germany</p>	
11:00-11:30	Coffee Break	
11:30-13:00	Keynotes	
	 <p>Smart Cities and the New Urban Agenda</p> <p>Dr. Rafael DE MIGUEL GONZÁLEZ Vice President of the European Association of Geographers; Wardamme, Belgium</p>	
	 <p>Cool Planning for Smart Cities, the case of New Airport – Smart Bodø</p> <p>Ir. Martin DUBBELING President-elect of ISOCARP – International Society of City and Regional Planners; The Hague, Netherlands</p>	
	 <p>Expanding Cities – Diminishing Space: Will Cities Remain Liveable, Accessible, Human-Oriented Places: for Whom and How?</p> <p>Arch. Judith Ryser, MSc CityScope Europe; London, United Kingdom</p>	
13:00-14:00	Lunch	

SCHEDULE

Wednesday, 4 April 2018

Time	Auditorium 1	Auditorium 2
14:00-16:00	City and Data and Technology Chair: Pietro Elisei	Raumplanung aus rechtlicher Sicht Moderation: Heidrun Wankiewicz
WEDNESDAY THURSDAY FRIDAY	<p>🏆 Crowding Density in Urban Environment and its Effects on Emotional Responding of Pedestrians: Using Wearable Device Technology with Sensors Capturing Proximity as well as Psychophysiological Emotion Responses while Walking in the Street Georgios PAPASTEFANOU*, Luyao XIANG**, Anna ENGELNIEDERHAMMER* * GESIS Leibniz Institute for the Social Sciences; Mannheim, DE ** Chinese University of Hong Kong; Hong Kong SAR, Hong Kong SAR</p> <p>🏆 Virtual Reality and Urban Emotions – Biosensorics in the Virtual Context of Urban Planning Methods Peter ZEILE Karlsruhe Institute of Technology KIT, Institute for Urban and Landscape Design STQP; Karlsruhe, DE</p> <p>🏆 A Concept of Geo-Facts for Online Discourse in “Postfactual” Times in the Context of Spatial Planning Gerhard NAVRATIL*, Max HARNONCOURT** * TU Wien, Department for Geodesy and Geoinformation; Vienna, AT ** factline Webservices GmbH; Vienna, AT</p> <p>🏆 New Enabling Technologies to Observe and Characterise Urban Environments with Big Data from Space – the Urban Thematic Exploitation Platform Thomas ESCH*, Mattia MARCONCINI*, Julian ZEIDLER*, Jakub BALHAR**, Martin BÖTTCHER***, Enguerran BOISSIER****, Emmanuel MATHOT****, Václav SVATOŇ*****, Daniela PALACIOS* * German Aerospace Center (DLR); Weßling, DE ** GISAT s.r.o; Prague, CZ *** Brockmann Consult GmbH; Geesthacht, DE **** Terradue Srl; Frascati, IT ***** VSB-Technical University of Ostrava; Ostrava, CZ</p>	<p>🏆 Verstärken Liberalisierung und Deregulierung die räumlichen Disparitäten zwischen Stadt und Land? Eine Fallstudie zum Südtiroler Einzelhandel im Kontext der Liberalisierungsgesetze ab 2012 Thomas WIELAND Karlsruher Institut für Technologie, Institut für Geographie und Geoökologie; Karlsruhe, DE</p> <p>Salzburger Raumordnungsgesetz und Landesentwicklungsprogramm Neu: Bodenpolitische Wende und Planungsinnovation oder alter Wein in neuen Schläuchen? Franz DOLLINGER*, Heidrun WANKIEWICZ**, Andreas FACKLER*** * Land Salzburg, Wohnen und Raumplanung; Salzburg, AT ** Planwind.at; Salzburg, AT *** Profilentwicklung.at; Salzburg, AT</p> <p>🏆 Vorübergehende Einrichtungen zur Unterbringung von Personen: Ausnahmen von bau- und planungsrechtlichen Bestimmungen zur Unterbringung Geflüchteter Karin HILTGARTNER TU Wien, Department für Raumplanung; Vienna, AT</p>
16:00-16:30	Coffee Break	


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SCHEDULE

Wednesday, 4 April 2018

Auditorium 3		Time
<p>Planning Smart Mobility Chair: Gerhard Navratil</p>		14:00-16:00
<p>🏆 Towards a more Liveable and Accessible Cycle Path Network in Padova: a Participatory Mapping Process Daniele CODATO*, Diego MALACARNE**, Guglielmo PRISTERI**, Salvatore PAPPALARDO**, Massimo DE MARCHI** * Department of Civil, Environmental and Architectural Engineering, Department of Civil, Environmental and Architectural Engineering; Padova, Italy ** University of Padova, Department of Civil, Environmental and Architectural Engineering; Padova, Italy</p> <p>ESPRIT – a Public Car System William RENDALL*, Robert STÜSSI**, Valery CERVANTES***, Richard MOUNCE**** * ESPRIT project, Advisory Board; Puerto del Carmen, Spain ** ESPRIT project, Advisory Board member; Lisbon, Portugal *** CEA, Commissariat à l'énergie atomique et aux énergies alternatives, LITEN; Grenoble, France **** University of Aberdeen, Centre for Transport Research; Aberdeen, UK</p> <p>🏆 Exploring the Applicability of Location Based Services to Delineate the State Public Transport Routes Integratedness within the City of Johannesburg Brightnes RISIMATI, Trynos GUMBO University of Johannesburg, Town and Regional Planning; Doornfontein, South Africa</p> <p>ISTmobil: Customer Needs Orientated, Individual Mobility Services in Suburban Areas (Individual Mobility as a Service) Thomas SAGER, Alexander FÜRDÖS, Stefan BRUNNER, Alexander M. STIASNY ISTmobil GmbH; Graz, AT</p>	 <p>Live Info available on screens at the venue</p> <p>Also on your smartphone: http://live.corp.at</p>	
		16:00-16:30

WEDNESDAY

THURSDAY

FRIDAY

SCHEDULE

Wednesday, 4 April 2018

Time	Auditorium 1	Auditorium 2
16:30-18:00	<p>Book Presentation Antonia Cornaro, Han Admiraal</p>  <p>Han Admiraal and Antonia Cornaro</p> <p>Urban planners and decision makers are facing numerous challenges as cities worldwide rapidly expand, and urban space diminishes by the day. This results in an ever-increasing demand for space. Consequently, many concepts are being studied and implemented to mitigate the effects on the urban environment. At the same time, climate change requires a new kind of urban resilience and mitigation through a disconnect from fossil fuels and excessive carbon production. To achieve this, we need a new fundamental understanding of the urban metabolism which for now remains hidden. Understanding contemporary city life requires us to reconnect the biophysical and social domains. It also requires an in-depth knowledge of the subsurface metabolism that is an integral part of the urban metabolism. In their book 'Underground Spaces Unveiled' this is just one of the topics that Han Admiraal and Antonia Cornaro discuss.</p>  	<p>Stadt, Land, Dorf Moderation: Maria Wasserburger</p> <p>🏆 Land oder Stadt, das ist die Entscheidung einer persönlichen Raumplanung Karl NIEMANN ALLPHANET; Düsseldorf, DE</p> <p>🏆 Mittelstädte als Stabilisatoren ländlich-peripherer Räume Elke RIES Technische Universität Kaiserslautern, Lehrstuhl Regionalentwicklung und Raumordnung; Kaiserslautern, DE</p> <p>🏆 Dorf Neu Denken. Ein Konzept zur räumlichen Strukturierung von Dörfern im Zeitalter der Digitalisierung für wachsende Regionen in Mitteleuropa Jeff MIRKES, Peter ZEILE, Markus NEPPL Karlsruher Institut für Technologie (KIT), Stadtquartiersplanung (STQP); Karlsruhe, DE</p> <div style="border: 1px solid black; padding: 10px; background-color: #4b4b8b; color: white; text-align: center; margin-top: 20px;"> <p><i>What's coming up next?</i></p> <p><i>Our live conference guide</i></p> <p>http://live.corp.at</p> <p><i>has the answer</i></p> </div>
from 18:30	Vintage tram tour and official evening reception	

WEDNESDAY

THURSDAY

FRIDAY







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Wednesday, 4 April 2018

Auditorium 3		Time
Innovative Planning Concepts Chair: Izabela Mironowicz	Impressions from REAL CORP vintage tram tour 2017	16:30-18:00
<p>  Large Housing Estates – Analysing the Morphologic Similarities and Differences of a Specific Town Planning Concept Hannes TAUBENBÖCK, Manuel MURAWSKI, Michael WURM German Aerospace Center, German Remote Sensing Data Center; Wessling, DE </p> <p>  The Inclusive Role of Ekistics Elements in Earmarking Innovation Zones through a Balanced Distribution of Smart Development and Local Expression: Case of Kolkata Metropolitan Area (KMA) Prerna MANDAL, Joy SEN Indian Institute of Technology Kharagpur, Department of Architecture and Regional Planning; Kharagpur, India </p> <p>  City of the Future Ludwigsburg: Co-Creation in Urban Development Processes Constanze HEYDKAMP, Sven DÜBNER, Nora FANDERL Fraunhofer Institute for Industrial Engineering IAO; Stuttgart, DE </p> <p> From Sustainable Cities to Sustainable People – Making Behaviour Change towards Sustainability a Priority in Urban Planning Processes Petra STIENINGER HURTADO Urban Breezes; Chicago, IL, USA </p> <p> A Spatial Regulation Planning Method for Eco-Problems in Dense Areas of Mega City: A Case Study of Guangzhou, China Xiaohui LI, Jie WU, Jianjun WANG, Xinzhao DAI, Weixiao NIE, Nao LONG Guangzhou Urban Planning & Design Survey Research Institution, Urban Planning Research Center; Guangzhou, China </p>	   <p>Photos by CORP Association and Jaqueline Reberschak.</p>	WEDNESDAY THURSDAY FRIDAY
		from 18:30

SCHEDULE

Thursday, 5 April 2018

Time	Auditorium 1	Auditorium 2
09:00-10:30	Promoting Active Mobility: From Research into Practice Chair: Roland Hackl	Stadträume erforschen Moderation: Wolfgang W. Wasserburger
WEDNESDAY THURSDAY FRIDAY	SPECIAL FOCUS	🏆 Angsträume und Stressempfinden im urbanen Kontext Fabian SCHLOSSER*, Peter ZEILE** * TU Dortmund; Dortmund, DE ** Karlsruher Institut für Technologie KIT, Stadtquartiersplanung STQP; Karlsruhe, DE
	active2work – Reorganising Working Time Regulations to Encourage a Modal Shift towards Active Modes in Work-Related Mobility Marlene HAWELKA tbw research; Vienna, AT	🏆 Automatisierte Detektion von Angsträumen und ihre Auswirkungen auf die nachhaltige Stadtentwicklung Thorsten KELM, Annette BECKER, Ulrike KLEIN Hochschule Bochum, Fachbereich Geodäsie; Bochum, DE
	Introducing Evidence-based Methods in Active Mobility Planning – or how to ACTIV8 Local Potentials Clemens RAFFLER tbw research, Vienna; AT	🏆 Menschen mit Demenz – unterwegs im öffentlichen Raum. Situationen und Unterstützungsmöglichkeiten Bente KNOLL*, Birgit HOFLEITNER*, Elisabeth REITINGER**, Barbara PICHLER**, Barbara EGGER** * B-NK GmbH Büro für nachhaltige Kompetenz; Wien, AT ** IFF – Institut für Palliative Care und Organisationsethik, Universität Klagenfurt, Wien, Graz ; Wien, AT
	Supporting Decision Makers in Local Transport Planning by means of a Bike Affinity Index Susanne WOLF-EBERL, Patrick POSCH Research&Data Competence OG; Vienna, AT	WAY-KEY – smarterer Mobilitätsassistent für Menschen mit Demenzerkrankung Clemens BEYER, Wolfgang W. WASSERBURGER Accessible Map Association; Vienna, AT
	Increasing Cycling Shares by Cycling Promotion in Local Communities – Promising Initiatives and Measure Implementation Sebastian REINBERG komobile GmbH; Gmunden, AT	
10:30-11:00	Coffee Break	

ACTIV8





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SCHEDULE

Thursday, 5 April 2018

Auditorium 3		Time
Urban Energy Chair: Petra Hirschler		09:00-10:30
<p>🏆 DESENT: Smart Decision Support System for Urban Energy and Transportation Evelyn HUMMER*, Thomas NACHT*, Isabella KOLB-STÖGERER**, Dujuan YANG*** * 4ward Energy Research GmbH; Graz, AT ** Reiterer & Scherling GmbH; Vorau, AT *** Technische Universiteit Eindhoven; MB Eindhoven, NL</p> <p>Innovative Approaches to Integrative Energy Planning – Experiences and Results from the EU Project Urban Learning Ute GIGLER*, Herbert HEMIS** * Urban Innovation Vienna GmbH, Energy Center; Wien, AT ** Stadt Wien, MA20 Energieplanung; Wien, AT</p> <p>Mitigation of Greenhouse Gas Emissions from Urban Environmental Infrastructures Daeseung KYUNG, Sunghee LEE, Jongkon KIM Korea Land & Housing Institute, Urban Management; Daejeon, South Korea</p> <div data-bbox="99 1537 695 1855" style="border: 1px solid black; padding: 10px; margin-top: 20px;">  <p style="text-align: center;">http://live.corp.at</p> <p style="text-align: center;">LIVE CONFERENCE GUIDE</p> </div>	   <p style="text-align: center; margin-top: 10px;">Photos by CORP Association and Jaqueline Reberschak.</p>	WEDNESDAY THURSDAY FRIDAY
		10:30-11:00

SCHEDULE

Thursday, 5 April 2018

Time	Auditorium 1	Auditorium 2
11:00-12:45	ISOCARP Next City Seminar Chaired by ISOCARP	Smarte Stadtteile Moderation: Petra Hirschler
WEDNESDAY THURSDAY FRIDAY	SPECIAL FOCUS	🏆 Urban Relations – über die Bedeutung der Beziehungsebene in der Stadt(teil)entwicklung Barbara HAMMERL, Elisabeth OSWALD, Nana PÖTSCH StadtLABOR Innovationen für urbane Lebensqualität GmbH; Graz, AT
	Introduction Martin DUBBELING President-elect of ISOCARP – International Society of City and Regional Planners; The Hague, NL	🏆 Typologisierung der Headquarters in Wien im Hinblick auf die Nachhaltigkeit Andreas BREINBAUER, Sandra EITLER FH d. BFI Wien, Logistik & Transportmanagement; Wien, AT
New Airport – Smart Bodø Kristoffer Larsen SEIVÅG, Mats MARTHINUSSEN City of Bodø, Norway	Smart Cities – bekannte Förderungen unter neuem Namen? Stefan NETSCH, Markus KARNUTSCH Salzburg University of Applied Sciences, Smart Buildings in Smart Cities SMC; Kuchl, AT	
On Underground Space Elizabeth REYNOLDS Urban, Director; London, UK	🏆 SmartUP: Entwicklung eines Zentrums für Nachhaltigkeit Barbara HAMMERL*, Berthold SCHLEICH**, Ulrike KABOSCH***, Heimo STALLER****, Anna Maria FULTNER****, Martina KORNTHALER****, Hans SCHNITZER*, Gosia STAWECKA* * StadtLABOR Innovationen für urbane Lebensqualität GmbH; Graz, AT ** ÖKO-Service Beschäftigungsg.m.b.H.; Graz, AT *** ARGE Abfallvermeidung, Ressourcenschonung und nachhaltige Entwicklung GmbH; Graz, AT **** AEE – Inst. f. nachhaltige Technologien; Gleisdorf, AT ***** Saubermacher Dienstl. AG; Feldkirchen b. Graz, AT	
Smart City White Paper Daniele VETTORATO EURAC Research; Bozen, Italy	🏆 Regionalpark Murauen – ressourcenschonende, anrainergerechte Naherholung in wachsenden Stadtregionen Uschi DORAU*, Brigitte GRIESSER*, Johannes LEITNER**, Barbara KOINEGG**, Hans-Jörg RADERBAUER* * freiland Environmental Consulting Civil Engineers Ltd.; Vienna/Graz, AT ** PLANUM Fallast Tischler & Partner GmbH; Graz, AT	
afterwards Conclusion, Summary, Discussion		
	 ISOCARP Knowledge for Better Cities	
12:45-14:00	Lunch Break	

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SCHEDULE

Thursday, 5 April 2018

Auditorium 3		Time
Smart Cities and Smart Data Chair: Pietro Elisei		11:00-12:45
<p>Smart Cities and (Geo-)Data Infrastructure Manfred SCHRENK CORP – Consulting Research Projects, CEO; Schwechat, AT</p> <p>🏆 Geo-referenced Internet of Things for Modern Cities Nataly ZHUKOVA, Mark ZASLAVSKIY Saint Petersburg, Russia</p> <p>🏆 Megacities Spatiotemporal Dynamics Monitored with the Global Human Settlement Layer Michele MELCHIORRI*, Aneta FLORCZYK**, Sergio FREIRE**, Daniele EHRlich**, Marcello SCHIAVINA**, Martino PESARESI**, Thomas KEMPER** * Pikel- EC JRC, Disaster Risk Management Unit; Ispra, Italy ** European Commission – Joint Research Centre; Ispra, Italy</p> <p>Centropemap – Cross-Border Data at a Glance Clemens BEYER, Manfred SCHRENK CORP – Consulting Research Projects; Vienna, AT</p> <p>🏆 An Open Multi-user Platform in Support of Urban Development: the DATA WebGIS Guglielmo PRISTERI*, Salvatore PAPPALARDO**, Daniele CODATO**, Federico GIANOLI**, Massimo DE MARCHI** * Università degli Studi di Padova, Department of Civil, Environmental and Architectural Engineering; Padova, IT ** University of Padova, Department of Civil, Environmental and Architectural Engineering; Padova, Italy</p>	 <p>54th ISOCARP Congress, Bodø, Norway, 1-5 October 2018</p> <p>On this warming planet, with its population more than 50 % urban, we urgently need cooler cities and towns. And good urban planning can help deliver them.</p> <p>The aim of ISOCARP’s 54th Annual Congress is no small feat: the Society is calling on the best and brightest of the planning profession to come to Bodø, Norway and tell us how to save civilisation. Nothing less.</p> <p>We believe the future of civilisation now more than ever depends on the way we plan and manage our cities and towns. Their role in the evolving planetary climate drama is three-fold – cities and towns are the villains; the victims, and the potential saviours. Villains – because urban areas are the principal consumers and polluters of the tiny habitable layer on our planet we call the ‘biosphere’. Victims – because more than half of humanity lives in urban areas, and almost all of them are exposed to some form of climate impact. Saviours – because the possible remedies and solutions can be applied efficiently, effectively and in time, only when populations are concentrated. So the root cause of, and the solution to, the global climate crisis are fundamentally urban.</p> <p>There is no alternative. On a warming planet, cooler cities are the only option.</p> <p>Professor Dushko Bogunovich Congress General Rapporteur 2018</p> <p>https://isocarp.org/2018congress/</p>	WEDNESDAY THURSDAY FRIDAY
		12:45-14:00

SCHEDULE

Thursday, 5 April 2018

Time	Auditorium 1	Auditorium 2
14:00-16:00	Smart Living Chair: Judith Ryser	Mehr aus der Stadt machen Moderation: Alexander Ghezzeo
WEDNESDAY THURSDAY FRIDAY	🏆 City of the Future Constance: „Future City“ – Quality instead of Square Meter Sven DÜBNER*, Lukas ESPER** * Fraunhofer Institute for Industrial Engineering IAO, Urban Data & Resilience; Stuttgart, DE ** City of Constance, Amt für Stadtplanung und Umwelt Konstanz; Constance, DE	PODIUMSDISKUSSION
	Smart Occupancy – How to Avoid City Expansion by High-Density Use of Existing Buildings Dietmar WIEGAND*, Siegfried WIRTH** * Vienna University of Technology (TU Wien), Real Estate Development and Management; Vienna, AT ** Unternehmensberatung Mag. Siegfried Wirth; Vienna, AT	Mehr aus der Stadt machen: Was die Immobilienwirtschaft zu einer smarteren, schöneren, lebenswerteren Stadt beitragen kann und was sie dafür braucht Die Herausforderung ist groß: Auf den begrenzten Räumen der modernen Städte leben, arbeiten, kaufen und bewegen sich Millionen von Menschen. Die Ressource Boden wird zu einer kaum leistbaren Angelegenheit, Wohnungen gibt es nie genug, die Straßen verstopfen sich und gleichzeitig steigen Lebenserwartung und Anspruch der Stadtbewohner zusehends.
	🏆 Non-profit Housing: Current Trends in the European Context and its Specific Value for the Inward Urban Development in Switzerland Roman STREIT ETH Zürich, Professur für Raumentwicklung; Zürich, CH	Die Immobilienbranche profitiert von der Anziehungskraft der Städte und von dem vielen Geld, das angelegt werden will. Aber sie trägt auch eine große Verantwortung für das Stadtbild und die Möglichkeiten des Wohnens, Arbeitens und für die Versorgungsmöglichkeiten. Wie die Immobilienbranche sich dieser Verantwortung stellt, welche Gedanken sie sich dazu macht und wie die konkreten Pläne aussehen, wird auf dieser Podiumsdiskussion besprochen.
	How Do We Live Skender KOSUMI TU Wien, Department of Spatial Planning; Wien, AT	Es diskutieren: Marc Guido Höhne, Drees & Sommer Claudia Nutz Michael Pech, ÖSW Klaus Wolfinger Silvia Wustinger-Renezeder, 6B47
16:00-16:30	Coffee Break	

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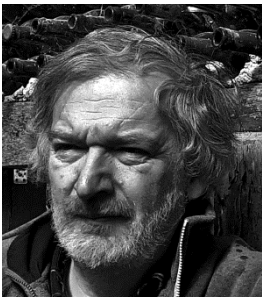
SCHEDULE

Thursday, 5 April 2018

Auditorium 3		Time
<p>Expansion of the Internet, Big Data Chair: Gerhard Navratil</p>		14:00-16:00
<p>🏆 Smartphone and Mobile Territories - Technical Knowledge Transformed into an Object Producing New Territorial Layers: An Experience in the City of Strasbourg Esin EKIZOGLU*, Elizabeth MORTAMAS** * Université Paris Diderot- Ecole Nationale Supérieure Paris Val de Seine, Laboratory ICT- laboratory EVCAU; Strasbourg, France ** Ecole Nationale Supérieure Paris Val de Seine, Laboratory EVCAU; Paris, France</p> <p>Method of Open Data Import and Analysis for Internet of Things Applications Based on Geocontext Markup Mark ZASLAVSKIY*, Dmitry MOUROMTSEV** * ITMO University; Saint-Petersburg, Russian Federation ** Saint-Petersburg, Russian Federation</p> <p>🏆 Big Data and Knowledge-based Urban System in Tehran Vahide EBRAHIMNIA*, Asrin MAHMOUDPOUR** * Shahid Beheshti University, Urban & Regional Planning; Tehran, Iran ** Art University of Tehran, Urban & Regional Planning ; Tehran, Iran</p> <p>🏆 A Framework of Machine Learning Algorithms for Urban Data Intelligent Processing Man TIANXING, Nataly ZHUKOVA St. Petersburg, Russia</p> <p>🏆 Defining Economic Typologies based on an Economic Activities Database Federico GIARETTA*, Jan ZAMAN**, Inge PENNINCX**, Sophie DE MULDER** * Architecture Workroom Brussels; Brussels, Belgium ** Vlaamse overheid , Departement Omgeving ; Brussels, Belgium</p>	<p style="text-align: center;">REAL CORP CONFERENCE PROCEEDINGS</p> <p>Unlike many other conferences, every single conference paper since the very beginning in 1996 is available for free download on corp.at. Nevertheless, for every year, all papers presented on the conference are published in the REAL CORP proceedings which are available</p> <ul style="list-style-type: none"> • on CD-ROM (distributed at the conference and also for sale on corp.at) • as printed version since 2006 (book on demand) • for download from our website <p>We offer you a convenient paper search engine where you can</p> <ul style="list-style-type: none"> • search by author (including co-authors) • search by publication year • search by paper title • or make a full text search through the whole paper database <p>to find each single paper since 1996!</p> <p>REAL CORP proceedings have individual ISBN for each conference year and are also listed in the ISSN register: ISSN 2521-3938 (Online), ISSN 2521-392X (Print), ISSN 2521-8050 (CD-ROM).</p> <p>To order a print-on-demand hardcopy of the proceedings, please send an e-mail to office@corp.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>
		16:00-16:30

SCHEDULE

Thursday, 5 April 2018

Time	Auditorium 1	Auditorium 2		
16:30-18:00	On Buildings Chair: Ljiljana Živković	Gaia in Colours Moderation: Franz Nahrada		
WEDNESDAY	🏆 An Automated Verification Workflow for Planned Lighting Setups using BIM Andreas WALCH*, Katharina KRÖSL*, Christian LUKSCH*, Thomas PIPP**, David PICHLER**, Michael SCHWÄRZLER*** * VRVis Research Center, Semantic Modelling and Acquisition Group; Wien, AT ** ÖBB-Immobilienmanagement GmbH; Wien, AT *** VRVis Research Center, Area Smart Worlds; Wien, AT	SPECIAL FOCUS		
			Urban Parterre Modelling UPM: Lifting the Cadastral Map to the Third Dimension Angelika PSENNER, Klaus KODYDEK TU Wien, Institut für Städtebau, Landschaftsarchitektur und Entwerfen; Wien, AT	Gaia in Colours Densification and Expansion of the Urban within the Natural  Im Jahr 2170 hat dieser Planet eine Transformation erfahren, die die Elemente der ökologischen Landschaftsgestaltung und der Stadtgestaltung verschmelzen hat lassen. Die Oberfläche dieses Planeten kündigt von einem neuen Zusammenwirken von Mensch und Natur.
THURSDAY	Reintroduction of the Building Code for Canton Sarajevo as a Prerequisite of Urban Planning and Urban Management in the Cantonal Transformation Process Edib URUCI*, Thomas DILLINGER*, Natasa PELJA TABORI**, Damir LUKIC** * TU Wien, Department for Spatial Planning; Vienna, AT ** Canton Sarajevo Office for Planning Development, Planning Development Department; Sarajevo, BiH	Statt uns in die Megacities zurückzuziehen, sind wir alle Gärtner geworden – aber durchaus nicht ohne gewisse urbane Errungenschaften mitzunehmen. Wir leben zumeist in verdichteten kleinstadtartigen Umgebungen in verschiedensten Gestalten, die von mehr oder weniger konzentrischen Ringen intensiv und extensiv bewirtschafteter Kulturlandschaft umgeben sind und auch von Bereichen die dem menschlichen Eingriff entzogen sind. Obwohl uns alle möglichen modular verbundenen Verkehrsmittel zur Verfügung stehen, ist der Fußgänger wieder zum Maß aller Dinge geworden. Unsere Städte und Dörfer drücken verstärkt kulturelle Diversität aus. Wir haben Raum zur Entfaltung gewonnen, weil wir Städte als Organismen, als gigantische Pflanzen, die uns Schutz und Nahrung bieten, zu gestalten gelernt haben.		
FRIDAY				
from 18:00	Informal Get-Together at the conference venue (snacks, drinks, networking)			





EXPANDING CITIES – DIMINISHING SPACE

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SCHEDULE

Thursday, 5 April 2018

Auditorium 3		Time
<p>Urban Spaces Chair: Pietro Elisei</p>		16:30-18:00
<p>Urban Green and Open Spaces under Pressure: The Potential of Ecosystem Services Supply and Demand Analysis for Mediating Planning Processes in the Context of Climate Change Nina KIESE, Christoph MAGER Karlsruher Institut für Technologie, Institut für Geographie und Geoökologie; Karlsruhe, DE</p> <p>Climate-fit.city Online Analytical Platform Needs Barbara VOJVODIKOVA, Petra SOBANOVA, Iva TICHA, Natalie SZELIGOVA IURS – Institute for Sustainable Development of Settlements; Ostrava Poruba, Czech Republic</p> <p>🏆 TDR Approach Employment in Dealing with Metropolitan Area’s Sprawl; Isfahan Metropolitan Area, District 9 Sahar NEDAE TOUSI*, Bahareh HARDANI*, Ehsan GHORBANI GHESHGHAEE NEJHAD** * Shahid Beheshti University, Urban and Regional Planning; Tehran, Iran ** Isfahan Art University, Isfahan Art University; Tehran, Iran</p> <p>🏆 The Challenging Path to a Redistribution of Space – Renegotiating Urban Mobility Carolin SCHROEDER, Gabriele WENDORF TU Berlin, Zentrum Technik & Gesellschaft; Berlin, DE</p> <p>Inner Courtyards as Public Open Spaces László JÓNA HAS Centre for Economic and Regional Studies Institute for Regional Studies, West-Hungarian Research Department; Győr, Hungary</p>	    <p>Photos by CORP Association and Jaqueline Reberschak.</p>	<p>WEDNESDAY</p> <p>THURSDAY</p> <p>FRIDAY</p>
		from 18:00

SCHEDULE

Friday, 6 April 2018

Time	Auditorium 1	Auditorium 2
09:30-11:00	Mobility of the Future Chair: Astrid Günemann	Instrumente zur Bewertung systemischer Wirkungen von Verkehrsmaßnahmen Moderation: Bernhard Fürst, Sebastian Seebauer
WEDNESDAY	🏆 Proactive Spatial Planning in Regard to a new Regional Mobility Hub – the case of Ebreichsdorf Thomas DILLINGER, Markus NEUHAUS TU Wien, Department für Raumplanung; Wien, AT	SPECIAL FOCUS Instrumente zur Bewertung systemischer Wirkungen von Verkehrsmaßnahmen: Indikatoren für nachhaltige Entwicklung und Rebound-Risiko im Test Mitwirkende: Bernhard Fürst TRAFFIX Verkehrsplanung GmbH; Wien, AT Efa Doringner PlanSinn Planung & Kommunikation GmbH; Wien, AT Johannes Brossmann PlanSinn Planung & Kommunikation GmbH; Wien, AT Sebastian Seebauer Joanneum Research Forschungsgesellschaft mbH, LIFE – Zentrum für Klima, Energie und Gesellschaft; Graz, AT Linda Dörrzapf Technische Universität Wien, Fachbereich für Verkehrssystemplanung; Wien, AT (geplant) Aggelos Soteropoulos Technische Universität Wien, Fachbereich für Verkehrssystemplanung; Wien, AT
	🏆 Examining the Role of Public Transport Interchange Hubs in Supportive Public Transport Integration in City of Johannesburg Brightnes RISIMATI, Trynos GUMBO University of Johannesburg, Town and Regional Planning; Doornfontein, South Africa	
	🏆 On the Development of a Sustainable and Fit for the Future Transportation Network Karin MARKVICA*, Matthias PRANDTSTETTER*, Bin HU*, Jürgen ZAJICEK*, Claudia BERKOWITSCH**, Georg HAUGER**, Sarah PFOSER***, Thomas BERGER***, Sandra EITLER****, Reinhold SCHODL****, Bernhard ENNSER****, Andreas BREINBAUER**** * AIT Austrian Institute of Technology GmbH, Center for Mobility Systems; Vienna, AT ** Vienna University of Technology, Centre of Transportation System Planning; Vienna, AT *** University of Applied Sciences Upper Austria Steyr; Steyr, AT **** University of Applied Sciences BFI Vienna; Vienna, AT	
THURSDAY	Identifying Spatial Planning Gaps in Kenyan Railway Projects Raphael KAZUNGU*, Judith GITAU**, Philomena WANJIRU* * Nairobi City County Government; Nairobi, Kenya ** Nairobi City County Government, Urban Planning; Nairobi, Kenya	
FRIDAY		
11:00-11:30	Coffee Break	

EXPANDING CITIES – DIMINISHING SPACE

Are “Smart Cities” the solution or part of the problem of continuous urbanisation around the globe?



SCHEDULE

Friday, 6 April 2018

Auditorium 3		Time
<p>Case Studies from Europe and Beyond Chair: Ljiljana Živković</p>		09:30-11:00
<p>Urban Planning in Bosnia and Herzegovina Rahman NURKOVIĆ University of Sarajevo, Faculty of Science, Geography; Sarajevo, Bosnia and Herzegovina</p> <p>Connecting Tourism Specialisations and Excellent Agro-Food Productions as Effective Development Drivers in the Mediterranean Area: INNOVAGRO Project Beniamino MURGANTE, Lucia SAGANEITI University of Basilicata, School of Engineering; Potenza, Italy</p> <p>🏆 ATTRACTIVE DANUBE Project – Territorial Attractiveness Analysis of the Danube Region Ljiljana ZIVKOVIC*, Blaž BARBORIČ** * Belgrade, Serbia ** Geodetic Institute of Slovenia; Ljubljana, Slovenia</p> <p>Planning for Urban Quality in Station Area Development, Bijwasan, New Delhi Chhavi ARYA*, Peter ZEILE**, Prerna SUDAN*** * Karlsruher Institut für Technologie – KIT; Karlsruhe, DE ** Karlsruher Institut für Technologie, Stadtquartiersplanung STQP; Karlsruhe, DE *** Raj Rishi College; Alwar, India</p>	<div data-bbox="764 539 1421 675" style="border: 2px solid orange; padding: 5px; text-align: center;"> <h1 style="margin: 0;">REAL CORP</h1> </div> <p style="text-align: center;">REAL CORP CONFERENCE PROCEEDINGS</p> <ul style="list-style-type: none"> • ONLINE (free of charge, all papers since first CORP in 1996, full text search): http://www.corp.at • PRINT ON DEMAND (order via our website www.corp.at) • CD-ROM (part of your conference package) • OPEN ACCESS REPOSITORY: http://repository.corp.at <div data-bbox="1268 993 1401 1084" style="text-align: right;">  </div> <p>Conference proceedings, programm folders, conference photos, video trailers, ...</p> <p style="text-align: center;">Visit the REAL CORP online archive at http://archive.corp.at</p> <hr style="width: 20%; margin: 20px auto;"/> <p style="text-align: center;">REAL CORP 2018 participants came from 42 countries all over the world.</p> <div data-bbox="773 1567 1459 1970" style="text-align: center;">  </div>	<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>
		11:00-11:30

SCHEDULE

Friday, 6 April 2018

Time	Auditorium 1	Auditorium 2
11:30-13:00	On Sprawl and Shrinkage Chair: Uschi Dorau	Innovative Stadt- und Siedlungsentwicklung Chair: Stefan Netsch
WEDNESDAY THURSDAY FRIDAY	<p>🏆 What is Urban Sprawl in Flanders? Karolien VERMEIREN*, Lien POELMANS*, Guy ENGELEN*, Isabelle LORIS**, Ann PISMAN** * Flemish Institute for Technological Research, environmental modelling; Mol, Belgium ** Flemish government, environment; Brussel, Belgium</p> <p>🏆 Driving Factors of Urban Expansion in Peri-Urban Areas of Greater Cairo Region Muhammad Salem Said MUHAMMAD, Naoki TSURUSAKI, Prasanna DIVIGALPITIYA Kyushu University, Department Of Urban Design, Planning And Disaster Management; Fukuoka, Japan</p> <p>Planning Smart Shrinkage – The New Perspective for Livability in Historic Cities Sarmite BARVIKA, Sandra TREIJA Riga Technical University, Faculty of Architecture; Riga, Latvia</p> <p>🏆 Assessing Expanding Space Use versus Infill for Economic Activities Wesley GRUIJTHUIJSEN*, Therese STEENBERGHEN*, Dominique VANNESTE **, Jan ZAMAN***, Inge PENNINCX***, Sophie DE MULDER ***, Koen VERMOESEN****, Eline HOREMANS**** * KU Leuven, SADL, Geography and tourism Division; Heverlee, Belgium ** KU Leuven, Geography and tourism Division; Heverlee, Belgium *** Environment Department Flanders; Brussels, Belgium **** Department Innovation and business; Brussels, Belgium</p> <p>About the Transition to an Eco-Compatible Society: the Example of Urban Spread Olivier LEFEBVRE Olivier Lefebvre Consultant; Paris, France</p>	<p>🏆 „Stadt-Raum-Strategien“: Innovationsfelder für resiliente Stadtentwicklung Susanne STECKERL Stadtgemeinde Leonding, Leitung Standortmarketing, Stadtentwicklung; Leonding, AT</p> <p>Strategien für Regionen mit Bevölkerungsrückgang Manfred RIEDL Amt der Tiroler Landesregierung, Landesstatistik und TIRIS; Innsbruck, AT</p> <p>🏆 Steuerung der Siedlungsflächenentwicklung auf dem Prüfstand – kompakte, umweltverträgliche Siedlungsstrukturen im regionalen Kontext: Traum oder Wirklichkeit? Nina WAHRHUSEN, Kirsten MANGELS Technische Universität Kaiserslautern, Lehrstuhl Regionalentwicklung und Raumordnung; Kaiserslautern, DE</p> <p>🏆 Alte Idee, neu gedacht: Grünraumspange Bisamberg – Gerasdorf – Norbert-Scheed-Wald Martina JAUSCHNEG*, Christina STOCKINGER** * Büro Jauschneg; Wien, AT ** Magistrat der Stadt Wien, MA 18 Stadtentwicklung und Stadtplanung; Wien, Österreich</p>
13:00-14:00	Lunch Break	




EXPANDING CITIES – DIMINISHING SPACE

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SCHEDULE

Friday, 6 April 2018

Auditorium 3		Time
<p>Revival of the Countryside Chair: Pietro Elisei</p>		11:30-13:00
<p>🏆 Rural Revival Financing in Serbia: Kikinda Municipality Case Study Danilo S. FURUNDZIC*, Bozidar FURUNDZIC**, Dragana IVANIS***, Dijana JAKSIC-KIURSKI***, Ivana PETROVIC*** * University of Belgrade, Faculty of Architecture; Belgrade, Serbia ** CPM Consulting; Belgrade, Serbia *** JP Kikinda; Kikinda, Serbia</p> <p>Agro-Cities as a Way to Counteract Urban Poverty Pietro ELISEI*, Sabina LEOPA**, Renata LOPEZ***, Agostino DI LORENZO****, Roberto GERUNDO***** * EC UIA Programme International Expert; Bucharest, Romania ** Urbasofia, EU Projects Department- Director; Bucharest, Romania *** Pozzuoli, Italy **** Municipality of Pozzuoli, UIA MAC Project Manager ; Pozzuoli, Italy ***** Municipality of Pozzuoli, Planning Commissioner (Vice Mayor for Urban Planning); Pozzuoli, Italy</p> <p>The Future of the Countryside Carlos H BETANCOURTH Eptisa, Smart Cities; Barcelona, Spain</p>	   <p>Photos by CORP Association and Jaqueline Reberschak.</p>	<p>WEDNESDAY</p> <p>THURSDAY</p> <p>FRIDAY</p>
		13:00-14:00

SCHEDULE

Friday, 6 April 2018

Time	Auditorium 1	Auditorium 2
14:00-15:30	The Quality of Urban Design Chair: Stefan Netsch	Moderne Mobilität Chair: Gerhard Navratil
WEDNESDAY THURSDAY FRIDAY	<p>🏆 A Socio-ecological Approach to Assessing Physical Activities in Public Open Spaces of Alexandria City, Egypt Esraa EL MASHAK*, Rania RASLAN**, Hany AYAD** * Faculty of Engineering , Alexandria university, Architecture and urban design; Alexandria, Egypt ** Faculty of Engineering /Alexandria University, Architectural Department; Alexandria, Egypt</p> <p>LOOPER: Towards a Methodology of Co-Design Approaches Mareile WIEGMANN, Imre KESERU, Cathy MACHARIS Vrije Universiteit Brussel, MOBI Research Group - Sustainable Mobility; Brussel, Belgium</p> <p>A Critical Review of the Child-friendly Cities Initiative from an Urban Design Perspective Sherin GAMMAZ, Sara MOUSTAFA GOUDA Cairo University, Faculty of Engineering, Architectural; Cairo, Egypt</p> <p>The Challenge of Quality of Life in New Urban Development Shabnam FARBOUD Tehran, Iran</p>	<p>🏆 Integrativer Infrastrukturausbau im städtischen Raum – Entwicklungschancen durch moderne Mobilität Hans KORDINA, Bettina RIEDMANN Kordina ZT GmbH; Wien, AT</p> <p>🏆 Räumliche Differenzierung des ÖPNV-Modalsplits zur Integration in die Standortbetrachtung für Ladeinfrastrukturen Waldemar BROST, Teresa FUNKE, Michael LEMBACH RWTH Aachen University, Institut für Stadtbauwesen und Stadtverkehr; Aachen, DE</p> <p>🏆 Entwicklung eines verkehrsbezogenen und bewusstseinsbildenden Multimodalitätstools für ländliche Räume Alessandra ANGELINI*, Georg HAUGER**, Alexander NEUMANN*** * Technische Universität Wien, Center of Transportation System Planning; Vienna, AT ** Technische Universität Wien, Center of Transportation System Planning; Wien, AT *** netwiss OG; Wien, AT</p>
15:30-16:00	Auditorium 1	Summary, Final Discussion, Outlook, Farewell
from 16:00	Guided city tour (limited capacity, registration on MY.CORP necessary)	



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SCHEDULE

Friday, 6 April 2018

Auditorium 3		Time
<p>Dealing Efficiently with Ressources Chair: Ljiljana Živković</p>		14:00-15:30
<p>Redistributing Resources in the Urban Environment – Tools and Strategies towards a more Sustainable and Resilient Urban Fabric Klaus KODYDEK, Angelika PSENNER TU Wien, Institut für Städtebau, Landschaftsarchitektur und Entwerfen; Vienna, AT</p> <p>Sustainability Assessment of Urban Water Infrastructure Systems with Special Focus on the Urban Water-Energy Nexus Franka STEINER, Helmut LEHN, Annika WEISS Karlsruhe Institute of Technology, Institute for Technology Assessment and Systems Analysis (ITAS); Karlsruhe, DE</p> <p>The Challenge of Transforming Urban Supply and Disposal Infrastructures to more Resource and Energy Efficiency Helmut LEHN*, Franka STEINER*, Jasmin FRIEDRICH*, Dámare ARAYA VALENZUELA** * Karlsruhe Institute of Technology, Institute for Technology Assessment and Systems Analysis (ITAS); Karlsruhe, DE ** Karlsruhe Institute of Technology, Institute for Technology Assessment and Systems Analysis (ITAS) / Engler-Bunte-Institute (EBI); Karlsruhe, DE</p>	  <p>Photos by CORP Association and Jaqueline Reberschak.</p>	<p>WEDNESDAY</p> <p>THURSDAY</p> <p>FRIDAY</p>