



**2015 IEEE International Smart Cities Conference**  
 25-28 October 2015 Hilton Hotel, Guadalajara, MX  
**PROGRAM**



Sunday, October 25th, 2015									
Room	Mexico I B	Mexico III D	Europa	Mexico III C	Mexico I A	America	Mexico Foyer / Mexico II	City Activity	
08:00-08:15	REGISTRY						REGISTRY	Tour 1 First approach to GDL Metropolitan Area in Tlaquepaque Visit. 80 seats	
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12:30-12:45	IEEE Smart Cities/SC2 Steering Committee		Smart Cities Hackathon	Tutorial 5	Tutorial 6	IEEE Smart Cities Steering Committee	Smart Cities Exhibition Area (Registry continues)		
13:00-13:15	Tutorial 1	Tutorial 2		Cloud Computing for Smart Cities	Development of Mobile Applications in Android for Smart Cities				
13:15-13:30	Building an Embedded Linux Distribution using Yocto. Alejandro Hernandez, Intel GDC	Getting Civic With It: Winning Strategies for Inclusive and Effective Civic Engagement FRIEDA K. EDGEITTE, MSc, ACC, Novos Consulting		Huaglory Tianfield, Glasgow Caledonian University	Sergio Ramirez, IEEE GDL Section				
13:30-13:45				Coffe Break	Coffe Break				
13:45-14:00				Coffe Break	Coffe Break				
14:00-14:15				Tutorial 3	Tutorial 4			Analytics for Smart Healthcare.	Phyton Programming for Smart Cities.
14:15-14:30				Creating your own smart helmet.	Mastering the Five Foundations of Smart Governance.			Alberto de Obeso, Intel GDC	IEEE GDL Section
14:30-14:45				Mario Santana Lopez, Intel GDC	FRIEDA K. EDGEITTE, MSc, ACC, Novos Consulting			IEEE Smart Cities New Pilot Cities Kick Off Workshop Organization	
14:45-15:00	Free Dinner Time on your own								

Monday, October 26th, 2015									
Room	Mexico I B	Mexico III D	Mexico III C	Europa-America	Mexico I A	Asia	Mexico Foyer	Mexico II	
08:00-08:15	REGISTRY						REGISTRY	Opening Ceremony Jaime Reyes, Minister of Innovation, Science & Technology Jalisco State Enrique Alfaro, Mayor of Guadalajara, Jalisco, Mexico Gilles Betis, leader of the IEEE Smart Cities Yinhai Wang, Chairman of the Organizing Committee ISC2 2015 Diana Valadez, IEEE Guadalajara Section Chair Victor M. Larios- Moderator	
08:15-08:30	REGISTRY							Roberto de Marca - Past IEEE President Keynote	
08:30-08:45	REGISTRY							"Smart Cities Government best practices" Objective: To present & brainstorm the challenges and initiatives for the development of Smart Cities in Mexico	
08:45-09:00	REGISTRY							Smart Cities Demostrative Exhibition Area	
09:00-09:15	REGISTRY								
09:15-09:30	REGISTRY								
09:30-09:45	REGISTRY								
09:45-10:00	REGISTRY								
10:00-10:20	Coffe Break								
10:20-10:40	Smart Transport Track (STR) Session Chair: Ryosuke Ando	Smart Integrated Grids Track (SIG) Session Chair: Amor Farid	Smart Environment Track (SEV) Session Chair: Hassan Ali	Smart Cities Hackathon	Special Sessions (SPS) Session Chair: Aris Gkoualalas-Divanis	B2B Meetings with Governments			Smart Cities Exhibition Area
10:20-10:40	STR Talk 1	SIG Talk 1	SEV Opening Remarks + Talk 1		Special Session SPS1 Cyber Security in the Internet of Things and Smart Cities: Opening Remarks + Talk 1				
10:40-11:00	"An IoT based scholar bus monitoring system" Juan Zambada et Al, Technological Institute of Culiacan, Mexico	"Power Outage Reporting Tool with Mobile App" Gavinda Hosein et Al, The University of the West Indies, Trinidad and Tobago	"Node Localization in Wireless Sensor Networks Based on Context Awareness" Alejandro De Gante et Al, CINVESTAV, Mexico		"Efficient Algorithms for Identifying Privacy Vulnerabilities", Aris Gkoualalas-Divanis et Al, Smarter Cities Technology Centre IBM Research – Ireland, Dublin, Ireland				
10:40-11:00	STR Talk 2	SIG Talk 2	SEV Talk 2		SPS 1 Talk 2				
10:40-11:00	"Effect of Car Driving on Quality of Life for Aged People" Yasuhide Nishihori et Al, TTRI (Toyota Transportation Research Institute), Japan	"Optimal Planning and Operation of Distributed Energy Resources Considering Uncertainty on Evs" Francisco Martin et Al, Institute for Research in Technology (IRT), ICAI School of Engineering, Comillas Pontifical University, Spain	"Design of Sensor Network for Urban Micro-Climate Monitoring" Mukesh Jha et Al, Masdar Institute, United Arab Emirates		"Automatic Motion Tracking of a Human in a Surveillance Video", et Al, Department of Computer Science Umm Al-Qura University, Saudi Arabia				

11:00-11:20	STR Talk 3	SIG Talk 3	SEV Talk 3	Smart Cities Hackathon	SPSpecial Session SPS2 Context Aware and Ubiquitous Computing: Opening Remarks + Talk 1	B2B Meetings with Governments	Smart Cities Exhibition Area	Smart Cities Demostrative Exhibition Area
	Triggered, Directional Vehicular Communication, John Lindsay, Patent Attorney, United States of America	"Privacy-friendly Secure Bidding Scheme for Demand Response in Smart Grid" Mohammad Rahman et Al, KDDI R and D Laboratories Inc. Japan	"Modeling, Simulation and Control of Water Supply System" Eduardo Cunha et Al, UFRN, Brazil		"A Personalized Load Forecasting Enhanced by Activity Information", Yang Ding et Al, Institute of Telematics Karlsruhe Institute of Technology (KIT), Karlsruhe, Germany			
11:20-11:40	STR Talk 4	SIG Talk 4	SEV Talk 4		SPS 2 Talk 2			
	"Identifying the Urban Transportation corridor Based on Mobile Phone Data" Yanwei Wang et Al, Tsinghua University, China	"Maximizing Renewable Energy Use with Decentralized Residential Demand Response" Ivana Dusparic et Al, Trinity College Dublin, Ireland	"A Real-time Ambient Air Quality Monitoring Wireless Sensor Network for Schools in Smart Cities" Hassan Ali et Al, University of Newcastle, Australia		"Using Augmented Reality in Urban Context: Georeferenced System for Business Localization Using Google Glass", Leonardo Ferrer et Al, ITAM Mexico			
11:40-12:00	STR Talk 5	SIG Talk 5	SEV Talk 5		SPS 2 Talk 3	Industry Solutions: Talk 1 Huawei		
	"A Smart Airspace Sectorization Approach Based on Spectral Clustering and NSGA-II" Bang An et Al, Tsinghua University, China	"A Smart Grid electricity market with Multiagents, smart appliances and Combinatorial Auctions" Ramón Felipe Brena Pínero et Al, Instituto Tecnológico y de Estudios Superiores de Monterrey, Mexico	"Using Google Street View to map the greenness of neighborhoods in Hartford, CT" Xiaojing Li et Al, University of Connecticut, United States of America		"Sequential Pattern Mining - a Study to Understand Daily Activity Patterns for Load Forecasting Enhancement", Yang Ding et Al, Institute of Telematics Karlsruhe Institute of Technology (KIT), Karlsruhe, Germany			
12:00-13:00	Lunch				Lunch			
	Session Chair: David Gomez Gutierrez	Session Chair: Martin J Loza-López	Session Chair: Eduardo Solorzan-Alor		Session Chair: Mark Fox	Safe Cities Based in IT Models" Pedro Gomez, CTO Huawei Enterprise Group Latin America		
13:00-13:20	STR Talk 6	SIG Talk 6	SEV Talk 6		Special Session SPS3 Towards Standard Ontologies for City Knowledge: Opening remarks + Talk 1			
	"A Smart Destination Initiative: the Case of a 2014 FIFA World Cup Host City" Andrea Cocho et Al, Federal University of Rio Grande do Norte, Brazil	"On-line Optimization of the Power Amounts Supplied in a Microgrid Prototype: A Fixed-Time Convergent Dynamical System Approach" Juan Diego Sanchez-Torres, CINVESTAV, Mexico	"Sustainable land use in the compact city: small green area effect on different urban fabrics" Andrea Tullisi et Al, Department of Civil, Architectural and Environmental Engineering - University of Naples Federico II, Italy		"On the Completeness of Open City Data for Measuring City Indicators" Mark Fox et Al, University of Toronto, Canada			
13:20-13:40	STR Talk 7	SIG Talk 7	SEV Talk 7		SPS 3 Talk 2	B2B Meetings with Governments		
	"Reducing Emergency Services Response Time in Smart Cities: An Advanced Adaptive and Fuzzy Approach" Soufjene Djahel et Al, University College Dublin, Ireland	"Smart Solar Street Light with an Efficient Control Algorithm" Abhishata Jain et Al, Manipal Institute of Technology, India	"An embedded system application to monitoring micro-climates oriented to Smart Cities." Eduardo Solorzano Alor et Al, CIDETEC - IPN, Mexico		"Models for sustainability" Maria-Cristina Marinescu et Al, Barcelona Supercomputing Center, Spain			
13:40-14:00	STR Talk 8	SIG Talk 8	SEV Talk 8	SPS 3 Talk 3				
	"Application Platforms for Smart Cities" Alberto Leon-Garcia et Al, University of Toronto, Canada	"Power Flow Steady-State Model Analysis of Grid-Connected Plug-in Electric Vehicle Charging Stations" Diana Paola Montoya Escobar et Al, Cinvestav Guadajara Women in Engineering Student Affinity Group, Mexico	"Breathing Smarter: A Critical Look at Representations of Air Quality Sensing Data Across Platforms and Publics" Lily Bui, Massachusetts Institute of Technology, USA	"An Ontological Framework to support Evidence-based Policy Making using Global City Indicators" Jane Hunter et Al, University of Queensland, Australia				
14:00-14:20	STR Talk 9	SIG Talk 9	SEV Talk 9	SPS 3 Talk 4	Pannels & Selected presentations			
	"Visual Registration and Tracking for Traffic Monitoring" Sabrina Lizbeth Vega Maldonado et Al, Universidad de Guadalajara, Mexico	"Distributed Energy Procurement and Management in Smart Environments" Jonathan Serrano et Al, Instituto Nacional de Astrofísica Óptica y Electrónica, Mexico	"Urban Smart Shading Devices based on Traditional Gulf Design. Case study located in a district of a Hot Arid Climate City (Abu Dhabi)." Lindita Bande et Al, Polytechnic of Milan, Italy	"An Ontological approach to spatio-temporal information modelling with applications in transportation" Alexey Seliverstov et Al, Faculdade de Engenharia da Universidade do Porto, Portugal				
14:20-14:40	STR Talk 10	SIG Talk 10	SEV Talk 10	SPS 3 Talk 5				
	"Applying Semi-Supervised Learning Method for Cellphone-based Travel Mode Classification" Wenbo Zhu et Al, University of Washington, USA	"The Smart Grid Consumer Collaborative's Consumer Pulse Study - Citizen engagement and smart governance", Potty Durand, USA	"Intelligent stormwater infrastructure using a RESTful cyber-physical systems architecture", Anil Ganti, University of Washington, Department of Electrical Engineering, Seattle, WA, United States of America/	"Toward Domain Knowledge Model for Smart City: the Core Conceptual Model", JunJeng Zhao and Yasha Wang, Key Laboratory of High Confidence Software Technologies, Ministry of Education, Beijing, China				
14:40-15:00	Coffee Break			Coffee Break				
	Session Chair: Rafael Perez-Jimenez	Session Chair: Amor Farid	Session Chair: Yichang James Tsai	IEEE Smart Cities New Core Cities Kick Off Workshop Organization (IEEE Private Meeting)	Workshop Chair: Natalia Villanueva			
15:00-15:20	STR Talk 11	SIG Talk 11	SEV Talk 11			Smart Cities Exhibition Area		
	"A Route Travel Time Distribution Prediction Method Based on Markov Chain" Daxin Tian et Al, Beihang University, China	"Tracing the Generation Source of Municipal Energy Loads: Towards Transparency in Emission Production/Reduction", Carol Miller et Al, Wayne State University, United States of America	"Information-Centric Green Infrastructure Planning to Reduce Climate Change Impacts: The Climate Impacts Vulnerability Index as Smart Growth Urbanism", Samuel Malnar, Michigan Sea Grant, Great Lakes Commission, USA					
15:20-15:40	STR Talk 12	SIG Talk 12	SEV Talk 12	Smart Cities Demostrative Exhibition Area				
	"A model based method of pedestrian abnormal behavior detection in traffic scene" Qianyin Jiang et Al, School of Engineering, Sun Yat-sen University, China	"Building the Most Interconnected and Smartest Grid" Oscar Miranda, CTO Electric grid Huawai Latin America	"Non-ionizing Radiation Evaluation Emitted by FM Radio and TV Broadcasting Systems in El Crucero, Managu", Julio Cruz Icabalzeta et Al., Facultad de Electrotecnia y Computación, Universidad Nacional de Ingeniería, Managua, Nicaragua					

15:40-16:00	STR Talk 13	Special Session SPS4 Energy-Water Nexus: Opening Remarks + Talk 1	SEV Talk 13	Smart Cities Hackathon	IEEE Smart Cities New Core Cities Kick Off Workshop Organization (IEEE Private Meeting)	WORKSHOP 3 Smart Ciber Infrastructures collaboration oportunities	Smart Cities Exhibition Area	Smart Cities Demonstrative Exhibition Area
	"Visible Light Communications Technologies for Smart Tourism Destinations" <i>Rafael Perez-Jimenez et Al, IDE TIC-ULPGC, Spain</i>	"Extending the Energy-Water Nexus Reference Architecture to the Sustainable Development of Agriculture, Industry & Commerce" <i>Amro Faridet et Al, MIT mechanical engineering, United Arab Emirates</i>	"The Case Study of a Blueberry Smart Food Supply Chain", <i>Diana Romero et Al, University of Guadalajara, México/</i>					
16:00-16:20	STR Talk 14	SPS4 Talk 2	SEV Talk 15					
	"RIMAC Project: Open urban routing information system fed by real time reliable sources" <i>Luis Camacho et Al, PUCP, Peru</i>	"The Role of Resource Efficient Decentralized Wastewater Treatment in Smart Cities" <i>Tariq Kaddoura et Al, ecoglobe GmbH, Germany</i>	"An Intelligent Remote Sensing and GIS-enabled Asset Management System for the Urban Environment", <i>Yichang James Tsai and Zhaohua Wang, Georgia Institute of Technology, USA</i>					
16:20-16:40	ODA Talk 0	SPS4 Talk 3						
	"Quality of Experience (QoE) in the smart cities context: An Initial Analysis" <i>Luis Guillermo Martinez, KTH Royal Institute of Technology, Sweden</i>	"Extending the Utility Analysis and Integration Model at the Energy Water Nexus" <i>Barry Liner et Al, WEF, USA</i>	"Infrastructure consolidation for interconnected services in a Smart City using cloud environment", <i>Jorge F Hernandez et Al, University of Guadalajara, Mexico /</i>					
16:40-17:00	Cofee Break						Cofee Break	
17:00-17:15				Industry In Smart Cities Plenary Pannel Session with IBM, Intel, Huawei, HP				
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Tour 2: Visit to GDL Downtown Smart City Project								

Tuesday, October 27th, 2015								
Room	Mexico I B	Mexico III D	Mexico III C	Europa-America	Mexico IA	Asia	Mexico Foyer	Mexico II
08:00-08:15								
08:15-08:30								
08:30-08:45								
08:45-09:00								Roberto Saracco - Innovation in Smart Cities of the Future <i>Keynote</i>
09:00-09:15							REGISTRY	
09:15-09:30								Kirk Skeba - Intelligent Transportation Systems - Intel Labs <i>Keynote</i>
09:30-09:45								
09:45-10:00								
10:00-10:25	Cofee Break							
	Smart Transport Track (STR) Session Chair: Emmanuel Lopez Neri	Smart Homes & Buildings Track (SHB) Session Chair: Rongliang Zhou	Internet of Things Track (IoT) Session Chair: Krishnamurthy Vidyasankar	Smart Cities Hackathon	Open Data & Government Track (ODA) - Session Chair: Hector Ceballos	WORKSHOP 4 Smart Grid Solutions	Smart Cities Exhibition Area	Smart Cities Demonstrative Exhibition Area
10:20-10:40	STR Talk 15	SHB Talk 1	IOT Talk 1		ODA Opening Remarks + Talk 1			
	"Event-Oriented Framework for Smart Transportation" <i>Emmanuel Lopez Neri et Al, CIDETEC UVM GUADALAJARA SUR, Mexico</i>	"Coexistence of IEEE802.15.4 in a Practical Implementation of a Wireless Smart Home Environment (WSHE) for Appliances Control" <i>Stephane Martin Niam et Al, University of Johannesburg, South Africa</i>	"Transactional Properties of Compositions of Internet of Things Services", <i>Krishnamurthy Vidyasankar, Department of Computer Science Memorial University, St. John's, Newfoundland, Canada</i>		"Towards Dynamic Pricing for Digital Billboard Advertising Network in Smart Cities" <i>Parisa Lak et Al, Ryerson University, Canada</i>			
10:40-11:00	STR Talk 16	SHB Talk 2	IoT Talk 2		ODA Talk 2			
	"Drive for Intelligence: Transformative Factors in Smart City Development" <i>Tuomo Kinnunen et Al, Industrial Engineering and Management Research Group, University of Oulu, Finland</i>	"Landmark Mapping from Unbiased Observations" <i>Jason S. Ku et Al, Department of Mechanical Engineering MIT, Cambridge Massachusetts, USA</i>	"Towards an IoT Based Water Management System for a Campus", <i>Prachet Verma et Al, Indian Institute of Science, Bangalore, India</i>		"Characterizing Evolution of Extreme Public Transit Behavior Using Smart Card Data", <i>Zhiyong Cui et Al, Peking University, China</i>			
11:00-11:20	STR Talk 17	SHB Talk 3	IoT Talk 3		ODA Talk 3			
	"Smart Management of Next Generation Bike Sharing Systems using Internet of Things" <i>Mohammad Abdur Razaque et Al, School of Computer Science and Statistics, Trinity College Dublin, Ireland</i>	"Street Lighting in Smart Cities: a Simulation Tool for the Design of Systems based on Narrowband PLC" <i>Adele Sittoni et Al, University of Trento, Italy</i>	"Multidimensional Query for Internet of Things(IoT) networks", <i>Hemant Tiwari et Al, Samsung Research India, Bangalore, India</i>		"Visual Object Tracking via Deep Neural Network" <i>Tianyang Xu et Al, Jiangnan University, China</i>			
11:20-11:40	STR Talk 18	SHB Talk 4	IoT Talk 4		ODA Talk 4			
	"Motion-Vector Clustering for Traffic Speed Detection From UAV Video", <i>Ruimin Ke et Al, University of Washington Seattle, WA, U.S.A.</i>	"Energy saving in smart homes based on consumer behavior: A case study" <i>Michael Zehnder et Al, Institute of Business Information Systems - University of Applied Sciences and Arts Northwestern Switzerland (FHNW)</i>	"Urban Operating Systems for Sensor Network Management in Smart Cities", <i>Olga Mora and Victor Larios, University of Guadalajara, México</i>		"GeoSmart Cities: Geo-information and event-driven geoprocessing as enablers of smart cities" <i>Manuel Garcia Alvarez et Al, Faculty of Geo-Information Science and Earth Observation, Netherlands</i>			
11:40-12:00	STR Talk 19	SHB Talk 5	IoT Talk 5		ODA Talk 5			
	"A Stereo Visual Odometry Based On SURF Feature And Three Consecutive Frames", <i>Yong Ren et Al, Department of Automation, Tsinghua University, Beijing P. R. China</i>	"An Architecture for the Analysis and Detection of Anomalies in Smart City WSNs" <i>Victor Garcia et Al, Universitat Oberta de Catalunya, Spain</i>	"Gabby Tree", <i>Aditya Om, NIT Raipur, India</i>	"Clustering Big Urban Dataset", <i>Ahmad Al Shami et Al, The University of Warwick, United Kingdom of Great Britain and Northern Ireland</i>				
12:00-13:00	Lunch							

	Session Chair: Jing Pang	Session Chair: Oscar Hernandez	Smart Health Track (SHA) Session Chair: Agustí Solanas		Session Chair: Kristian Kloeckl					
13:00-13:20	<b>STR Talk 20</b> "Enabling Participatory Routing Using A Smart Routing Platform", <i>Nicolás Cardozo et Al, Future Cities, DSG, Trinity College Dublin, Ireland</i>	<b>SHB Talk 6</b> "A Context-Awareness Architecture for Managing Thermal energy in a nZEB. Integrating Semantic Sensor Nodes as Enabler of Smart Environments" <i>Oscar Hernandez et Al, CIATEQ, A.C., Mexico</i>	<b>SHA Talk 1</b> "Hearing Aid devices for Smart Cities: A Survey" <i>Eduardo Garcia-Espinosa et Al, Intel, Mexico</i>	Smart Cities Hackathon	<b>ODA Talk 6</b> "TwitterJam: Identification of mobility patterns in urban centers based on Tweets" <i>Francisco Rebelo et Al, FEUP, University of Porto, Portugal</i>	WORKSHOP 5 High Performance Computing for Smart Cities	Smart Cities Exhibition Area			
13:20-13:40	<b>STR Talk 21</b> "Review of Fuzzy Logic in Intelligent Traffic Light Control", <i>Jing Pang, Department of Electrical and Electronic Engineering, Computer Engineering Program, California State University, Sacramento, CA, U.S.A</i>	<b>SHB Talk 7</b> "Home Personalization Through Raspberry Pi" <i>Sankha Karfa et Al, M.S.Ramaiah Institute of Technology, India</i>	<b>SHA Talk 2</b> "Mobile Applications Utilized for the Prevention of Potential Epidemics in Smart Cities" <i>Raúl Beltrán et Al, Universidad de Guadalajara, Mexico</i>		<b>ODA Talk 7</b> "Tool theory and the urban data medium: Data driven visual tools for urban energy" <i>Kristian Kloeckl, Northeastern University, United States of America</i>					
13:40-14:00	<b>STR Talk 22</b> "Usability Evaluation of Standing-type Personal Mobility Devices for Elderly People", <i>Naoki Sato, Department of Creative Engineering National Institute of Technology, Tsuruoka College, Japan</i>	<b>SHB Talk 8</b> "INDOOR PROPAGATION ANALYSIS APPLIED IN ZIGBEE NETWORKS" <i>Diego Paul Chacón Traya et Al, Universidad Politécnica Salesiana, Ecuador</i>	<b>SHA Talk 3</b> "Ubiquitous Monitoring of Human Sunlight Exposure in Cities" <i>Ahmad Al Shami et Al, Warwick Institute for the Science of Cities, The University of Warwick, United Kingdom of Great Britain and Northern Ireland</i>		<b>ODA Talk 8</b> "Language Design for Developing Smart Adaptive Services" <i>Nicolás Cardozo and Siobhan Clarke, Future Cities, DSG, Trinity College Dublin, Ireland</i>					
14:00-14:20	<b>STR Talk 23</b> "Epidemic Routing in Vehicular Delay-Tolerant Networks: the Use of Heterogeneous Conditions to Increase Packet Delivery Ratio" <i>Roberto Hernández et Al, Tecnológico de Monterrey - Campus Querétaro, Mexico</i>	<b>SHB Talk 9</b> "Towards a Fully Automated Monitoring System for Manhole Cover" <i>Hesham Aly et Al, Staffordshire University, United Kingdom of Great Britain and Northern Ireland</i>	<b>SHA Talk 4</b> "Wandering Detection Methods in Smart Cities: Current and New Approaches", <i>Edgar Batista et Al, Smart Health Research Group, Department of Computer Engineering and Mathematics, Universitat Rovira i Virgili, Catalonia, Spain</i>		<b>ODA Talk 9</b> "Towards an Ontology-based Context Model for Smart City Operations", <i>Adnane Ghannem et Al, Information Systems Department, Ahmed Bin Mohammed Military College, Doha, Qatar</i>					
14:20-14:40	<b>STR Talk 24</b> "Towards Better Driver Gaze Estimation in Smarter Vehicles", <i>Siti Mohd Zoi, Faculty of Computing, Engineering and Science, Staffordshire University, Stoke-On-Trent, United Kingdom</i>	<b>SHB Talk 10</b> "DEWA's Smart Solution to Mitigate the Substation Fire Incident in Dubai Substation" <i>Islam Abuhamdan et Al, Dubai Electricity and Water Authority (DEWA), United Arab Emirates</i>	<b>SHA Talk 5</b> "Context-Aware Recommender for Smart Health" <i>Fran Casino et Al, Smart Health Research Group, Department of Computer Engineering and Mathematics, Universitat Rovira i Virgili, Catalonia, Spain</i>		<b>ODA Talk 10</b> "Frame standardization for Smart Cities monitoring applications", <i>Miguel Sánchez Meraz et Al, Telecommunications Department, National Polytechnic Institute, Mexico City</i>					
14:40-15:00	Coffee Break				Coffee Break					
	Session Chair : Hui Fei	Session Chair: Liming Bai	Session Chair: Chun Wang					Session Chair: Meng Li		
15:00-15:20	<b>Special Session SPSS Smart and Connected Vehicles: Opening Remarks + Talk 1</b> "Prediction of the shortest travel time based on intersection delay", <i>Xin Cheng et Al, School of Information Engineering, Chang'an University, Xi'an, China</i>	<b>SHB Talk 11</b> "System-oriented Approach to Smart Cities" <i>Ondrej Pribyl et Al, Czech Technical University in Prague, Faculty of Transportation Sciences, Czech Republic</i>	<b>SHA Talk 6</b> "A Combinatorial Auction for Cost Reduction in City Home Health Care", <i>Zhijie Xie and Chun Wang, Concordia Institute for Information Systems Engineering, Concordia University, Montreal, Canada</i>		Smart Cities Hackathon			<b>ODA Talk 11</b> "Deep Learning for Big Data: Challenges and Opportunities", <i>Xiaojun Wu, Jiangnan University, China</i>	WORKSHOP 6 Curricular Design for Smart Cities	Smart Cities Exhibition Area
15:20-15:40	<b>SPSS Talk2</b> "Visual Odometry for On-Road Vehicles Based on Trifocal Tensor", <i>Hai-Gen Min et Al, Department of Traffic Information Engineering and Control, Chang'an university, Xi'an, China</i>	<b>SHB Talk 12</b> "IoT framework for Smart Buildings with Cloud Computing" <i>Jesus Pacheco et Al, The University of Arizona, United States of America</i>	<b>SHA Talk 7</b> "DEVELOPING SUSTAINABLE HEALTH FRAMEWORKS IN SMART CITIES", <i>Inas Khyal, The Dartmouth Institute of Health Policy &amp; Clinical Practice, Geisel School of Medicine, Dartmouth College, USA</i>					<b>STR Talk 25</b> "THE LPS SYSTEMS TESTS", <i>Zhi Yu et Al, School of Engineering, Sun Yat-sen University, China</i>		
15:40-16:00	<b>SPSS Talk3</b> "A License Plate Recognition Algorithm Under Low Illumination Environment", <i>Jia Le Zhao et Al, Department of Traffic Information Engineering, Chang'an University, Xi'an, China</i>	<b>SHB Talk 13</b> "Indoor CO2 level control using wearables", <i>Syam Sidhardhan, Samsung Research Institute, Bangalore, India</i>	<b>SHA Talk 8</b> "A Smart Health hybrid cloud solution for "Breast Cancer" treatment by using Big Data visualization use case, Implementing an efficient image processing with the use of leading edge technologies", <i>Manuel Avalos et Al, IBM, México</i>					<b>STR Talk 26</b> "Bottleneck Pattern Study for Urban Expressway Using Big Traffic Data", <i>Han Jiang et Al, Tsinghua University, China</i>		
16:00-16:20	<b>STR Talk 27</b> "Smart Streets – A Multifunction Management Infrastructure to Smart Cities" <i>Context, Romildo Bezerra et Al, IFBA, Brazil</i>	<b>SHB Talk 14</b> "SHINESenior: Personalized Services for Active Ageing-in-Place", <i>Liming Bai et Al, SMU-TCS iCity Lab, Singapore Management University, Singapore</i>	<b>Smart Manufacturing and Logistics Track SML Talk 1</b> "On Computational Infrastructure Requirements to Smart and Autonomic Cities Framework" <i>Romildo Bezerra et Al, IFBA, Brazil</i>	<b>STR Talk 28</b> "Open data for intelligent transportation systems studies: opportunity and challenge", <i>Yuangchang Deng and Renxin Zhong, Sun Yat-Sen University, China /</i>						
16:20-16:40	<b>STR Talk 30</b> "Cluster & Zone Based Speed Control System", <i>Sunny Sharan and Syam Sidhardhan, Samsung R&amp;D Institute, Bangalore, India</i>	<b>SHB Talk 15</b> "District of Future – DoF, open framework for the generation and optimization of energy consumption in district environments" <i>Rubén Cánovas Mas et Al., EVERIS, Barcelona Spain</i>	<b>SML Talk 2</b> "Auction Model for Mass Customization of Logistics", <i>Wei Yan and Chun Wang, Concordia Institute for Information Systems Engineering, Concordia University, Montreal, Canada</i>	<b>STR Talk 29</b> "Using Gamification to Incentivize Sustainable Urban Mobility", <i>Ramon Kozhomiakin et Al, Fondazione Bruno Kessler, Italy</i>						
16:40-17:00	Coffee Break			Coffee Break						
17:00-17:15				IEEE Core Smart Cities Prospective Plenary Pannel						
17:15-17:30										
17:30-17:45										
17:45-18:00										
18:00-18:15										
18:15-18:30										
18:30-18:45										
18:45-19:00				Free Time						

19:00-19:15	Gala Dinner in Mexico II Hackathon finalist presentations and winners selection 1st Awarded Paper announcement New Smart Cities Students Awarded Presentation from Sunfor Light CTO
19:15-19:30	
19:30-19:45	
19:45-20:00	
20:00-20:15	
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21:30-21:45	
21:45-22:00	

Wednesday, October 28th, 2015									
Room	Mexico I B	Mexico III D	Mexico III C	Europa/America	Mexico I A	Asia	Mexico Foyer	Mexico II	
08:00-08:15								REGISTRY	
08:15-08:30									
08:30-08:45									Gilles - Betis IEEE Smart Cities Chair <i>Keynote</i>
08:45-09:00									
09:00-09:15									Carlos Saucedo IBM Smarter Cities Challenge - Vicepresidence, Global Citizenship Initiative, <i>Keynote</i>
09:15-09:30									
09:30-09:45									
09:45-10:00									
10:00-10:20	Coffee Break								
	Smart Citizens Track I (SCZ1) Session Chair: Marcus Wigam	Session Chair: Alex Buckman	Smart Citizens Track II (SCZ2) Session Chair: Manuel Avalos	Smart Cities Hackathon	WORKSHOP 7 Smart Food UDG - MIT Media Lab City Farm	WORKSHOP 8 Postgraduate Students Workshop for Smart Cities	Smart Cities Exhibition Area	Smart Cities Demostrative Exhibition Area	
10:20-10:40	IoT Talk 6 "Smart Cities Platforms and Applications", Dr. John Jiang, VES3, LLC, United States of America	SHB Talk 16 "Dwelling characterization and thermal disaggregation of residential smart meter data: A state-space system identification approach", Gard Stephen et Al, Department of Environment and Resource Studies, University of Waterloo, Canada	SCZ2 Talk 1 "Social Networks in Smart Cities: Comparing evaluation models" Leonidas Anthopoulos et Al, Business School, TEI of Thessaly, Greece						
10:40-11:00	SCZ Talk 1 "3icity: An Innovative Way to Explore Cities", Catalin-Mihai Barbu et Al, German Research Center for Artificial Intelligence (DFKI), Germany /	SHB Talk 17 "Optimising building design for smart grid efficiency", Steve Jubb et Al, Department of Civil and Structural Engineering University of Sheffield, Sheffield, U.K.	SCZ2 Talk 2 "The role of hackathons in Smart Cities", Manuel Avalos Vega and Maya Alba, IBM, Mexico						
11:00-11:20	SCZ Talk 2 "Smart Community for the Smart Governance of the Urban Environment" Carmela Gargiulo et Al, University of Naples "Federico II", Italy	SHB Talk 18 "SmartHopper", Nicolás Cardozo et Al, Future Cities, DSG, Trinity College Dublin, Ireland	SCZ2 Talk 3 "Territorial smartness and the relevance of the learning ecosystems" Carlo Giovannella et Al, University of Rome Tor Vergata, Italy						
11:20-11:40	SCZ Talk 3 "A Collaborative, Interdisciplinary Initiative for a Smart Cities Innovation Network", Natalia Villanueva-Rosales et Al, Smart Cities Innovation Center, CUCEA University of Guadalajara Zapopan, Mexico	SHB Talk 19 "From Old Grid to Smart Grid: The Economic Impact on the Electricity Customer", Alfredo Castellanos, S&C Electric Company	SCZ2 Talk 4 "Tourist app for Smart TVs Envisioning a Smart City", Luis Leonardo Camargo et Al, College of Engineering, University of Magdalena, Santa Marta, Colombia						
11:40-12:00	SCZ Talk 4 "A Smart City model based on citizen-sensors", Jesús Cano et Al, UNED University & IEEE eGovernment, Spain		SCZ2 Talk 5 "Research of new planning layout model which can be described as low investment high security Northwest district of Belwei in Lecong town Foshan city Guangdong province as a case", Wu Wenyan and Liu Xiaoyan, Shenzhen APECLAND DESIGN CO., LTD, Shenzhen, China Shenzhen, China/						
12:00-13:00	Lunch							Lunch	
13:00-14:30			IEEE Smart Cities MOOCs Strategy Plenary Pannel Session						
14:30-15:00	Closing Ceremony + IEEE GDLC Toast - Celebrating 25 Years								

\*This is a preliminary program and its content may change without notice.