

## Wednesday October 2nd

Session	Start Time	End Time	Paper Title
<b>Session 1 - Buildings and Spaces; Chair Sisi Zlatonova</b>			
1	9:00	9:40	Welcome and keynotes
1	9:40	10:00	Contribution of Sustainable Design to Critical Regionalism: Analysis of Climate-Responsive Ecological Designs for Vernacular Urban Building
1	10:00	10:20	A Large Scale Classification of Public Spaces Using A Study of Perception and Public Data From INEGI of The City of Puebla, San Pedro Cholula and San Andres Cholula
	10:20	11:00	Tea/Coffee Break
<b>Session 2 - Machine Learning /Big Data #1; Chair Robert Laurini</b>			
2	11:00	11:20	Recognition of Urban Functional Regions at Street Scale Based On L1-01 Night-Time Light Remote Sensing and Mobile Big Data
2	11:20	11:40	Comparative Analysis of LSTM, RF And SVM Architectures for Predicting Wind Nature for Smart City Planning
2	11:40	12:00	Attention-Based Location Information Extraction with Sequential Unstructured Data
2	12:00	12:20	Reinforcement Learning for optimal transit network design and frequency setting
	12:20	14:00	Lunch
<b>Session 3 - Smart Cities and 3D/4D #1; Chair Volker Coors</b>			
3	14:00	14:20	Accuracy assessment of 3D positioning from non-metric short range UAV data over dense urban areas
3	14:20	14:40	Solar Energy Potential of Buildings Calculation Based on General Model and Equations with Local Validation
3	14:40	15:00	Systems architecture for management of BIM, 3D GIS and sensors data
3	15:00	15:20	Improving GPS Trajectories using 3D City Models and Kinematic Point Clouds
	15:20	16:00	Tea/Coffee Break
<b>Session 4 - Smart Cities and 3D/4D #2; Chair Preston Rodrigues</b>			
4	16:00	16:20	A Requirement Analysis on Extending Semantic 3D City Models for Supporting Time-dependent Properties
4	16:20	16:40	Integrated Management and Visualization of Static and Dynamic Properties of Semantic 3D City Models
4	16:40	17:00	The Maximization of the 4th Dimension of the Building Site
4	17:00	17:20	Towards Egress Modelling in Voxel Building Models
			Conference Dinner

## Thursday October 3rd

Session	Start Time	End Time	Paper Title
<b>Session 5 - Data Processing; Chair TBA</b>			
5	9:00	9:20	Big data in emission producing manufacturing industries - an explorative literature review
5	9:20	9:40	Green City a Smart City. Case Study of Warsaw
5	9:40	10:00	An Area Merging Method in Map Generalization Considering the Boundary Characteristics of Structured Geographic Objects
5	10:00	10:20	Population Density Data for Smart Cities
	10:20	11:00	Tea/Coffee Break
<b>Session 6 - Machine Learning/Big Data #2; Chair TBA</b>			
6	11:00	11:20	The Use of Deep Learning to Extract Relevant Data from Floorplan For 3D Modelling
6	11:20	11:40	Multi-layer Perceptron based POI Recommendation with neighbourhood
6	11:40	12:00	The Implementation of Big Data Analysis in Regulating Online Short-Term Rental Business: A case of Airbnb in Beijing
6	12:00	12:20	Semantic Land Use Segmentation from Aerial Images using Deep Learning Approach
	12:20	14:00	Lunch
<b>Session 7 - Smart City Processes and Frameworks; Chair Claire Ellul</b>			
7	14:00	14:20	Understanding Smart City: A Shareable Framework. The Case of China
7	14:20	14:40	Universities as Smart City Drivers in Small and Medium-sized Cities
7	14:40	15:00	A Database System for Smart Sustainable Islands Index Application
7	15:00	15:20	Smart Governance in The Capital City of Warsaw with the Use of ICT And Geoinformation Technologies
	15:20	16:00	Tea/Coffee Break
<b>Session 8 - Machine Learning/Big Data #3; Chair Robert Laurini</b>			
8	16:00	16:20	Happy or Scared – Detecting Emotions of Pedelec Drivers In Urban Areas
8	16:20	16:40	Cybersecurity Strategy for Smart City Implementation
8	16:40	17:20	Keynote 2 and Closing