| GMT | December 09, 2020 |
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| 10:15 - 10:30 | Opening |
| 10:30- 12:00 | Oral Sessions O1: Transportation |
| 12:00 - 13:00 | Lunch break |
| 13:15 - 14.30 | Oral Sessions O2: Mobility |
| 14:30 - 14:45 | Coffee Break |
| 14:45 - 15:25 | Speaker 1: L. M. Aiello |
| 15:25 - 16:40 | Oral Sessions O3: Social |
| 16:40 - 17:00 | Coffee Break |
| 17:00 - 17:40 | Speaker 2: J. Menche |
| 17:40 - 19:00 | Oral Sessions O4: Urban planning |

| GMT | December 10, 2020 |
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| 13:00 - 14.15 | Oral Sessions O5:  City |
| 14:15 - 14:25 | Coffee Break |
| 14:25 - 15:05 | Speaker 3: A. Rizzo |
| 15:05 - 16:20 | Oral Sessions O6: Networks |
| 16:20 - 16:40 | Coffee Break |
| 16:40 - 17:20 | Speaker 4: R. Cremades |
| 17:20 - 18:40 | Oral Sessions O7: Transportation |

| ID | Authors | Title | | Session | Order |
|---|---|---|---|---|---|
| 17 | Cristina Bustos, Daniel Rhoads, Albert Solé-Ribalta, David Masip, Alex Arenas, Agata Lapedriza and Javier Borge-Holthoefer | Explainable, automated urban interventions to improve pedestrian and vehicle safety | | 1 | A |
| 13 | Aniello Lampo, Javier Borge-Holthoefer, Sergio Gómez and Albert Solé-Ribalta | Emergence of multiple abrupt phase transitions in urban traffic congestion | | 1 | B |
| 32 | Josep-Maria Salanova, Zisis Maleas and Georgia Aifadopoulou | Framework For On-Demand And Ride-Sharing Transport Services Planning | | 1 | C |
| 20 | Nir Fulman, Aleksey Ogulenko and Itzhak Benenson | The Complex yet Manageable System of Urban Parking | | 1 | D |
| 4 | Alessandra Cornaro and Daniele Grechi | Assessing robustness in railway networks | | 1 | E |
| 12 | Astha Jakher and Jaya Sreevalsan-Nair | Community Detection in Migration Flow Networks | | 1 | F |
| 41 | Filippo Simini, Gianni Barlacchi, Massimiliano Luca and Luca Pappalardo | Deep Gravity: enhancing mobility flows generation with deep neural networks and voluntary geographic information | | 2 | A |
| 33 | Josep-Maria Salanova, Meropi Pavlidou and Georgia Aifadopoulou | Origin-Destination Matrices Fusion | | 2 | B |
| 18 | Yohei Shida, Hideki Takayasu, Shlomo Havlin and Misako Takayasu | Scaling Laws of Synchronized Human Movements in Metropolitan Areas using GPS Data | | 2 | C |
| 38 | José Mauro Ribeiro, Carolina Xavier, Alexandre Evsukoff and Vinícius Vieira | Defining and characterizing a multilayer contact network from mobile phone and census data | | 2 | D |
| 23 | Maria Liatsikou, Symeon Papadopoulos, Lazaros Apostolidis and Ioannis Kompatsiaris | A Denoising Ensemble Model for Anomaly Detection in Trajectory Sequences | | 2 | E |
| 7 | Silvia Leoni and Luca De Benedictis | Gender bias in the Erasmus network of universities | | 3 | A |
| 8 | Renita Murimi | On the Complexity of Assimilation in Urban Communities | | 3 | B |
| 28 | Irene Psaroudakis, Antonietta Riccardo and Andrea Salvini | Understanding civic participation in neighborhoods. A mixed-methods approach. | | 3 | C |
| 42 | Muhammad Arslan, Christophe Cruz and Dominique Ginhac | Understanding the human behaviors in dynamic urban areas of interest | | 3 | D |
| 26 | Amitrajit Bose, Sivangi Tandon, Moumita Basu and Saptarshi Ghosh | Utilising Online Social Media for Coordinating Post-Disaster Relief in Urban Regions | | 3 | E |
| 15 | Jason Bassett, Niccolo Pescetelli, Alex Rutherford and Manuel Cebrian | Time-Critical Crowdsourced Emergency Responses in Urban Environments | | 4 | A |
| 14 | Alessandro Galeazzi, Matteo Cinelli, Giovanni Bonaccorsi, Francesco Pierri, Ana Lucia Schmidt, Antonio Scala, Fabio Pammolli and Walter Quattrociocchi | Human Mobility in Response to COVID-19 in France, Italy and UK | | 4 | B |
| 36 | Ian Scott, Flavio Pinheiro and Miguel Neto | Bringing trust and transparency to the opaque world of waste management: An application of a parachain based blockchain technology | | 4 | C |
| 37 | Ioannis Mallidis, Josep-Maria Salanova and Georgia Aifadopoulou | Optimization of the planning and operation of mobility services | | 4 | D |
| 30 | Anastasia Funkner, Sergey Kovalchuk and Sergey Fokin | City-scale quality of health information system through text mining of electronic health records | | 4 | E |
| 34 | Jelena Losic and Marija Rasajski | Centrality based heuristic for solving the Uncapacitated Single Allocation Hub Covering Problem | | 5 | A |
| 35 | Georgia Aifadopoulou, Evripidis Magkos and Josep-Maria Salanova | Identifying a holistic method for implementing a Bike Sharing System | | 5 | B |
| 6 | Anand Sahasranaman and Henrik Jensen | Distribution of neighbourhood size in cities | | 5 | C |
| 43 | Giulia Cencetti, Lorenzo Lucchini, Riccardo Gallotti and Bruno Lepri | A Sim City model: the emergence of urban land use patterns | | 5 | D |
| 27 | Hanae El Gouj, Christian RincÔn-Acosta and Claire Lagesse | Urban morphogenesis analysis based on geo-historical road data | | 5 | E |
| 5 | Eszter Bokányi, Sándor Juhász, Márton Karsai and Balazs Lengyel | The effect of commuting on the structure and assortativity of online social ties | | 6 | A |
| 19 | Robert Harper and Philip Tee | Balancing Capacity and Epidemic Spread in the Global Airline Network | | 6 | B |
| 31 | Helena Freire de Almeida, João Marques Carrilho, Sara Eloy and Rui Lopes | Public space and soft mobility flows: a comparative network analysis | | 6 | C |
| 21 | Robert Sitzenfrei, Mohsen Hajibabaei and Sina Hesarkazzazi | Dual Graph Characteristics of Pareto-optimal Water Distribution Networks | | 6 | D |
| 10 | Ariel Salgado, Ziyun Yuan, Inés Caridi and Marta Gonzalez | A complex network framework for understanding urban park accessibility | | 6 | E |
| 1 | Morgan Frank, Esteban Moro, Alex Pentland, Alex Rutherford, Manuel Cebrian and Iyad Rahwan | Universal resilience patterns in labor markets | | 7 | A |
| 9 | Marta C. Gonzalez and Yanyan Xu | Deconstructing laws of accessibility and facility distribution in cities | | 7 | B |
| 39 | Steven Skiena and Chao Xu | Marking Streets to Improve Parking Density | | 7 | C |
| 40 | Yolène Berrou and Eddie Soulier | Smart city profile computation for use case modeling | | 7 | D |
| 29 | Timothy Matisziw and Ashkan Gholamialam | Optimizing Facility Siting for Probabilistic Collection and Distribution of Information in Support of Urban Transportation | | 7 | E |