



CITTA 14th Conference – Programme

Registration: 8h30 – 9h00

Opening session: 9h00 – 9h30

Main Auditorium

Rui Calçada, Director of the Civil Engineering Department of FEUP

Paulo Pinho, Director of CITTA

Paulo Conceição, Conference Chair

Plenary session: 9h30 – 10h15

Main Auditorium

Settings of community engagement: What role for planning in social justice?

Jennifer Robinson, University College London, UK

Coffee break: 10h15 – 10h45



Morning parallel sessions: 10h45 – 12h30

Session 1.1 – Planning for social and environmental justice

Chair: Sara Santos Cruz

Room: B 004

Elena Di Pirro, Lorenzo Sallustio, Gregorio Sgrigna, Marco Marchetti and Bruno Lasserre

Strengthening the implementation of national policy agenda in urban areas to face multiple environmental stressors: Italy as a case study

Carla Gonçalves

The right to the waterfront: Addressing climate justice from a landscape perspective

João Corgo, Isabel Vázquez and Sara Cruz

Green gentrification: An exploratory reflection

Silvia Spolaor, Vítor Oliveira and Tolga Ünlü

The role of fringe belts in promoting social and environmental justice

Elena Di Pirro, Rúben Mendes, Teresa Fidélis and Bruno Lasserre

The embeddedness of nature-based solutions in the Recovery and Resilience Plans as multifunctional approaches to foster the climate transition: The cases of Italy and Portugal

Session 2.1 – Equitable and just urban policies

Chair: Isabel Breda Vázquez

Room: B 005

Debora Zukeran

Claiming Spaces for Garrido Boxe: The role of appropriation in spatial justice

Fanny Augis

Right-sizing social housing infrastructure to cope with long-term population decline and uncertainties: Evidences from two shrinking cities in France (Le Creusot and Montluçon)

Ulf Rydningen

Who are one planning for through the municipal sub-plans for sports, outdoor life and physical activity?

Hasan Mansour and Fernando Brandão Alves

Urban Segregation: Causes and consequences in Damascus City



Session 2.2 – Equitable and just urban policies

Chair: Isabel Coimbra

Room: B 007

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| António Ferreira and Kim Carlotta von Schönfeld | Political geographies of State authority: Mapping and navigating through power cultures in the multiverse |
| Miguel Silva Graça | Digital, green and unfair: Citizen participation and participatory budgeting on pandemic times and the Portuguese experience |
| Cláudia Monteiro and Vítor Oliveira | Designing a process to bridge the research-practice gap |
| Vinicius Netto, Fabiano Ribeiro, Caio Cacholas, Lucas Martello, Tamires Santos and Julio Araujo | Cooperation in urban environments: An agent-based approach |

Session 3.1 – Accessible and inclusive transport systems and mobility services

Chair: João Bigotte

Room: B 010

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| Manuel Filgueiras, Marco Amorim, Sara Ferreira, António Lobo, Mira Kern and António Couto | Mobility preferences during Covid-19: An Analysis of willingness to pay for social distancing inside public transport |
| Mudassar Shafiq, António Lobo and António Couto | Accessibility and Equity gaps in accessing the rail transport in the Metropolitan Area of Porto |
| Hugo Fernandes, Marta Campos Ferreira, Thiago Sobral and Teresa Galvão | Understanding the impact of COVID-19 on mobility behavior of public transport passengers through data extraction |
| Inês Miguel, João Mendonça, Josep Garcia and António R. Andrade | Designing a Bus Network: a case study in Barcelona Metropolitan Area |
| Raquel Fulgêncio, Marta Campos Ferreira, Diogo Abrantes and Miguel Coimbra | ReStart: A route planner to promote personal protection, safety, and comfort in public transport services in a pandemic context |

Session 4.1 – Safe and efficient transport systems

Chair: António Fidalgo do Couto

Room: B 011

Mariane Bobermin, Sara Ferreira, Carlos José Campos, João Miguel Leitão and Daniel Sérgio Presta Garcia
Caroline Machado, Sara Ferreira, António Couto and João Neves

The relationship between the Driver Behaviour Questionnaire and Driving Performance in a Simulator

Accident prediction models applied to Ascendi motorway network

Bruno Cardoso, Luciano Moreira and Sara Ferreira

Intelligent driver assistance systems: A social representations approach

Maria Inês Nunes, Francisco Duarte and António Couto

Study of road accidents involving pedestrians on crosswalks and evaluation of the contribution of an innovative speed reduction system in mitigating the problem

Paulo Bastos, António Lobo and António Couto

Crash modelling of Porto metro network

Session 4.2 – Safe and efficient transport systems

Chair: Sérgio Pedro Duarte

Room: B 012

Anne Patrício, Gonçalo Santos and António Pais Antunes

Assessment of regional shared automated vehicle systems through agent-based modeling: Hub-and-spoke versus point-to-point configurations

Lucas Rhoden, Sérgio Pedro Duarte, Liliana Cunha, Sara Ferreira, António Couto and António Lobo

Evaluation of acceptance indicators for automated vehicles

Qi Zhang, Chaozhong Wu, Sara Ferreira and Hui Zhang

Factors influencing Driver Drowsiness in Conditional Automated Driving

Leonardo Sartori, Sérgio Pedro Duarte, António Lobo, Sara Ferreira and António Couto

Automated driving: Modelling takeover reaction time

Yifan Sun, Chaozhong Wu, Hui Zhang and Sara Ferreira

Extraction of Steering behavior features for drowsiness-detection considering driver fingerprinting differences

Lunch: 12h30 – 14h30

Afternoon parallel sessions: 14h30 – 16h15

Session 1.2 – Planning for social and environmental justice

Chair: Luísa Mendes Batista

Room: B 004

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| Emília Rebelo | Impact of public investment on environmental ecosystems |
| Lais de Almeida and Vítor Oliveira | Plots and the spatial distribution of activities in cities |
| Tugce Tezer and Vítor Oliveira | Scale in urban form studies |
| Mariana Diniz and Miguel Serra | Revisiting Morphological Regions: A methodology to classify urban form |
| Greta Kukeli and Vítor Oliveira | In every dream home a heartache |

Session 2.3 – Equitable and just urban policies

Chairs: Isabel Breda Vázquez and Isabel Coimbra

Room: B 005

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| João Gabriel Michetti Ferreira, Sílvia Sousa and Sara Santos Cruz | Involving children in urban planning: Collaborative approaches and methods of participation |
| Francisco Júnior, Fernando Brandão Alves and Ana Fernandes | Social inclusion and active ageing: Analysis of indicators and local parameters for a sustainable and inclusive development of Campanhã parish, in Porto |
| Miguel Saraiva, Teresa Sá Marques, Diogo Ribeiro and Ana Amante | Understanding spatial crime patterns in Lisbon and Porto: Planning for safe and just territories |
| Micael Sousa and António Pais Antunes | Game-based practices for citizen engagement in collaborative spatial planning |
| Kim Carlotta von Schönfeld and António Ferreira | Cultural identity among planners and its role in shaping planning imaginaries |

Session 3.2 – Accessible and inclusive transport systems and mobility services

Chair: João Bigotte

Room: B 007

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| Filipe Moura and António Pais Antunes | STREETS4ALL - Dynamic and equitable Reallocation of Urban Street Space |
| Christiano Toralles and Anabela Ribeiro | Application of global expert survey to evaluate the relevance and valence of walkability indicators |
| João Teixeira, Cecília Silva and Frederico Moura e Sá | Understanding the reasons for using bike sharing during the COVID-19 pandemic: A qualitative analysis |
| Gabriel Dias, Paulo Ribeiro and Elisabete Arsénio | The effects of gender and income differences on the usage of shared e-scooters among college students in Braga. |
| Isabel Cunha and Cecília Silva | TIRE: Assessing the Equity Impacts of Bicycle Accessibility Distribution |

Session 3.3 – Accessible and inclusive transport systems and mobility services

Chair: Susana Freiria

Room: B 010

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| João Nuno Ferreira, Marta Campos Ferreira, Teresa Galvão and Thiago Sobral | Understanding Commuters: A Systematic Literature Review on Travel Behaviour |
| Luís Gonçalves, Paulo Ribeiro and Sara Ferreira | The modal choice in the assessment of resilience in urban mobility |
| Hudyeron Rocha, António Lobo, José Pedro Tavares and Sara Ferreira | Transport mode choices in Porto Metropolitan Area: An exploratory analysis of the last mobility surveys |
| Bruno Rafael Meira, Marta Campos Ferreira and Joana Hora | Comparison and Validation of Origin-Destination estimation algorithms with mobile ticketing data |
| Susana Freiria and António Pais Antunes | A spatial analysis of the impact of air transport on regional development |

Session 4.3 – Safe and efficient transport systems

Chair: Sara Ferreira

Room: B 011

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| Elisabete Arsénio and Rui Henriques | Data-driven and user-centric tools for a more resilient and inclusive public transport |
| Luiza Priolo and Paulo Ribeiro | Urban resilience centered on transport systems |
| Manuel Pinheiro, António Lobo and António Couto | Adapting the work scheduling of Porto metro's drivers to an expanded network |
| Juliana Carvalho, Leandro Carvalho, Jorge Pinho de Sousa, Rosário Macário and Jorge Freire de Sousa | Barriers and opportunities for logistic actors' collaboration in sustainable urban mobility transitions |
| Josué Cardoso, Adelino Ferreira, Arminda Almeida and João Santos | Incorporation of plastic waste into asphalt mixtures to help mitigating plastic disposal problem |

Coffee break: 16h15 – 16h45

Plenary session: 16h45 – 17h30

Main Auditorium

Planning the future of urban mobility: Green smart and fair solutions
Pierluigi Coppola, Politecnico di Milano, Italy

Closing session: 17h30 – 18h00

Main Auditorium

António Lobo, Conference Co-chair
António Pais Antunes, Deputy Director of CITTA