



COST TU1002 FINAL CONFERENCE



CITTA 7TH ANNUAL CONFERENCE

JOINT CONFERENCE

BRIDGING THE IMPLEMENTATION GAP

OF ACCESSIBILITY INSTRUMENTS AND PLANNING SUPPORT SYSTEMS

FACULTY OF ENGINEERING OF UNIVERSITY OF PORTO

23RD-24TH OCTOBER 2014



JOINT CONFERENCE
COST TU1002 FINAL CONFERENCE
CITTA 7TH ANNUAL CONFERENCE ON PLANNING RESEARCH

BRIDGING THE IMPLEMENTATION GAP

OF ACCESSIBILITY INSTRUMENTS AND PLANNING SUPPORT INSTRUMENTS

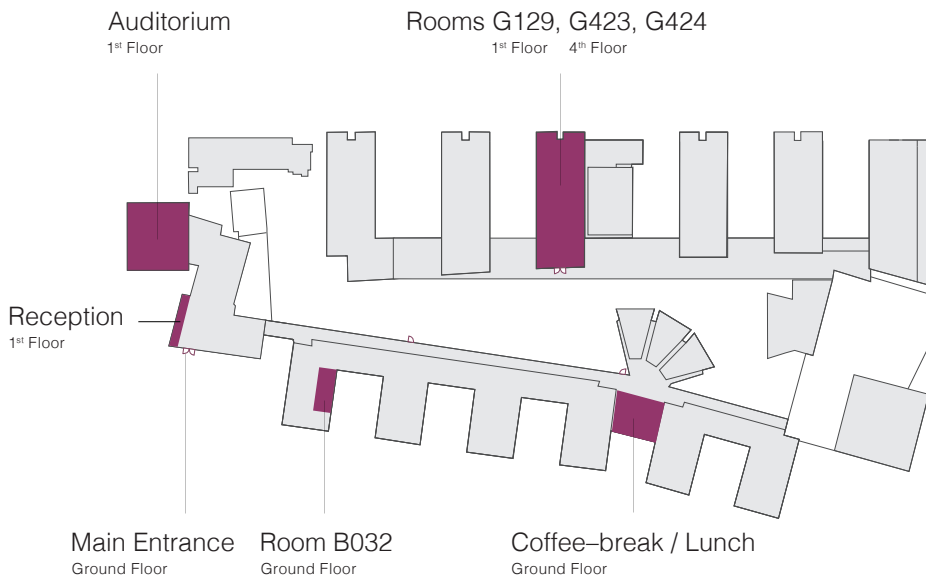
PROGRAMME FOR JOINT CONFERENCE
23RD – 24TH OCTOBER 2014

Sponsors:



OVERVIEW

MAP



USEFUL INFORMATION

Conference Dinner

Porto Trindade Hotel,
Rua de Camões, N.º 129 / 131, 4000-144 Porto.
(Pre-booking Required).

Wireless Connection

Login: **costcitta**
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To access to the network from a computer running Windows:

1. Click on the network connections icon that is available on the inferior right side of the screen.
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PROGRAMME

COST TU1002 FINAL CONFERENCE

23rd October

8:30 — 9:00	—		
9:00 — 9:30	Registration		
9:30 — 10:00	Opening		
10:00 — 11:00	PLENARY SESSION 1 From Accessibility Measuring to Accessibility Planning Room B032 Chair <i>Marco te Brömmelstroet</i> New Directions in Accessibility Research <i>Karst Geurs</i> Planning for Accessibility: from Promise to Progress <i>Susan Handy</i>		
11:00 — 11:30	Coffee-break		
11:30 — 13:00	PLENARY SESSION 2 Accessibility Instruments for Planning Practice Room B032 Chair <i>Karst Geurs</i> Accessibility Instruments for Planning Practice <i>Cecilia Silva</i> Balancing rigor and relevance in PSS research: methodological considerations <i>Marco te Brömmelstroet</i> What practitioner's value about Accessibility Instruments <i>Carey Curtis</i>		
13:00 — 14:30	Lunch		
14:30 — 16:00	Parallel Session A1.1 Accessibility in Practice Room G129	Parallel Session A2.1 Accessibility and Equity Room G423	Parallel Session A3.1 Accessibility in Planning for Change Room G424
16:00 — 16:30	Coffee-break		
16:30 — 18:00	Parallel Session A1.2 Innovative Perspectives on Accessibility Instruments Room G129	Parallel Session A2.2 Improving Accessibility Measurement Room G423	Parallel Session A3.2 Enhancing Accessibility Room G424
18:00 — 18:30	—		
18:30 — 20:00	Tour		
20:00 — 23:00	Conference Dinner		

COST TU1002 FINAL CONFERENCE

7th CITTA CONFERENCE

24th October

8:30 — 9:00	Registration		
9:00 — 9:30	Opening CITTA		
9:30 — 11:00	PLENARY SESSION 3 Supporting Planning and the Implementation Gap Auditorium Chair <i>António Pais Antunes</i> PSS: a valuable tool for planning practice? Stan Geertman How useful is PSS usability, and why do we keep doing it? Marco te Brömmelstroet EVIDENCE Re-inventing analysis, design and decision support systems for planning Paulo Pinho		
11:00 — 11:30	Coffee-break		
11:30 — 13:00	<u>Paralel Session A1.3</u> Testing Usability I Auditorium	<u>Paralel Session B1.1</u> Improving Planning Support Room G423	<u>Paralel Session B2.1</u> Transport Planning for the Urban Realm Room G424
13:00 — 14:30	Lunch		
14:30 — 16:00	<u>Paralel Session A1.4</u> Testing Usability II Room G129	<u>Paralel Session B1.2</u> Lessons Learned from Evidence Room G423	<u>Paralel Session B2.2</u> Broader Challenges for Transport Planning Room G424
16:00 — 16:30	Coffee-break		
16:30 — 18:00	PLENARY SESSION 4 Bridging the Implementation Gap Auditorium Chairs <i>Cecília Silva and Paulo Pinho</i> Results of the debate in parallel sessions presented by each Chair Bridging the Implementation Gap for Accessibility Instruments Cecília Silva		

TRACKS

Track A1 **Accessibility Instruments In Planning Practice**

Chairs *Anders Larsson and Matteo Tabasso*

Track A2 **Measuring Accessibility – special session NECTAR C6**

Chairs *Andrés Monzón and Lorenzo Vannacci*

Track A3 **Accessibility Planning**

Chairs *Derek Halden and Carey Curtis*

Track B1 **Urban and Environmental Planning Support Systems**

Chairs *Isabel Vazquez and Fernando Brandão Alves*

Track B2 **Transport Planning Support Systems**

Chairs *Anabela Ribeiro and António Couto*

23RD OCTOBER

9:30 — 10:00

OPENING SESSION — Joint Conference

[Room B032](#)

António Ferreira (Vice-President of the Scientific Council of FEUP)

Cecília Silva (Chair of COST Action TU1002)

Karts Geurs (Chair of NECTAR – Network on European Communications and Transport Activities Research)

10:00 — 11:00

PLENARY SESSION 1 — From Accessibility Measuring to Accessibility Planning [Room B032](#)

Chair *Marco te Brömmelstroet*

New Directions in Accessibility Research

Karst Geurs

Planning for Accessibility: From Promise to Progress

Susan Handy

11:30 — 13:00

PLENARY SESSION 2 — Accessibility Instruments for Planning Practice

[Room B032](#)

Chair *Karst Geurs*

Accessibility Instruments for Planning Practice

Cecília Silva

Balancing rigor and relevance in PSS research: methodological considerations

Marco te Brömmelstroet

What do practitioners value about accessibility instruments

Carey Curtis

14:30 — 16:00

PARALLEL SESSION 1

Parallel Session A1.1

Room G129

Accessibility in Practice

Chairs *Anders Larsson and Matteo Tabasso*

Trading between land use and transport planning Re-conceptualizing PSSs as pidgin language for LUT integration.

Vesa Kanninen, Jonna Kangasoja, Raine Mäntysalo

Providing the Bigger Picture: Implementation of Accessibility Instruments in Planning Practice in Region.

Västra Götaland, Anders Larsson, Erik Elldér

Accessibility to local public transport: the use of visualisation for enhancing the debate.

Elena Masala, Stefano Pensa, Matteo Tabasso

Accessibility as a bridge between academics and local decision makers to model urban mobility in the city of the future.

Aurélie Mercier, Yves Crozet, Nicolas Ovtracht

The Accessibility Atlas of the Munich metropolitan region as a background for sustainable mobility policies

Gebhard Wulfhorst, Benjamin Buettner, Chenyi Ji

Parallel Session A2.1

Room G423

Accessibility and Equity

Chair *Andres Monzon*

The Accessibility Impact of a High-speed Rail Line in Portugal.

Guineng Chen, Marcos Correia, João de Abreu e Silva

Public transport accessibility: measuring negative synergies of urban sprawl and economic crisis.

Andres Monzon, Andrea Alonso

Social justice and the gap between potential and realized accessibility.

Paulo Rui Ancaes

The Impact of the Portuguese Freeway Construction Programs in the Evolution of Spatial Equity between 1991 and 2011.

Marcos Correia, Guineng Chen, João de Abreu e Silva

How is accessibility important for cross-border development? The case of Portugal and Spain.

Maria João Fontes, Anabela Ribeiro, Jorge Silva

Parallel Session A3.1

Room G424

Accessibility in Planning for Change

Chair *Derek Halden*

Determination of Square and Pedestrian ways as an Alternative Transportation Options in İzmir-Seferihisar.

Sinem Özyurt Ökten, Nermin Merve Baykan, Nuriye Say

Developing Proposals About Spatial Usage According to Cittaslow Criteria in İzmir-Seferihisar and Evaluation of Different Transport Options.

Nuriye Say, Muzaffer Yücel, Mercan Efe, Hatice Sönmez

Accessibility as a Criterion for Urban Design of Neighbourhood Areas.

Krzysztof Bieda, Lidia Zakowska

Accessibility for all in Czech Cities and Environmentally Friendly Modes in Transport.

Karel Schmeidler

Performance Indicators and Accessibility Measures in accessibility planning practice.

Ana Amante, Cecilia Silva, Paulo Pinho

16:30 — 18:00

PARALLEL SESSION 2

Parallel Session A1.2

Room G129

Innovative Perspectives on Accessibility Instruments

Chair *Matteo Tabasso*

Social spatial influences of new transport infrastructure – an accessibility instrument.

Maik Hoemke

Contact potential measures for analysing future intercity links made possible by the planned Tours–Bordeaux High-Speed Rail line.

Alain L'Hostis, Liu Liu

Accessibility Impacts of Madrid-Seville High Speed Rail on Local Land Cover Change.

Yu Shen, João de Abreu e Silva, Jinhua Zhao, Luis Miguel Martínez

Measuring geographic accessibility of municipalities to the nearest hospital.

Cláudia Costa, Paula Santana, José António Tenedório

The processual approach in accessibility planning.

Sanna Iltanen

Parallel Session A2.2

Room G423

Improving Accessibility Measurement

Chair *Lorenzo Vannacci*

Assessing the Big Move: Accessibility Measures as a Planning Support Tool.

Ahmed El-Geneidy, Kevin Manaugh, Dea Van Lierop

Measuring accessibility to labour markets: incorporating distance decay function into 2 step floating catchment area method.

Marcin Stepniak, Rafał Wisniewski

Measuring rail accessibility using Open Data.

Lorenzo Vannacci, Mario Tartaglia, Elena Navajas Cawood

The influence of the impedance function on gravity-based active accessibility measures: a comparative analysis applied to Portuguese medium-sized cities.

David Vale, Mauro Pereira

IAAPE - Pedestrian accessibility and attractiveness assessment tool when planning for walk-ability

Filipe Moura, Paulo Cambra, Alexandre Gonçalves

Parallel Session A3.2

Enhancing Accessibility

Chair *Carey Curtis*

Opportunities and conditions of public transport accessibility development in Krakow metropolitan area.

Wieslaw Starowicz W., Lidia Zakowska, Zofia Bryniarska, Sabina Puławska

Pedestrian mobility and accessibility planning: some remarks towards the implementation of travel time maps.

Silvia Rossetti, Michela Tiboni, David Vetturi

Achieving a 'complete' range of public transport modes in developed cities: Governance implications and accessibility outcomes.

Jan Scheurer, Carey Curtis

Using State-of-the-Art Optimization Software in Public Facility Planning with Accessibility Objectives.

António Pais Antunes, M. G. Santos

Developing joint understanding of strategic accessibility planning in Finland.

Simo Syrman, Vesa Kanninen

24TH OCTOBER

09:00 — 09:30

OPENING SESSION — CITTA Conference

[Auditorium](#)

Cecília Silva (Head of the Organizing Committee)

Paulo Pinho (Director of CITTA)

09:30 — 11:00

PLENARY SESSION 3 — Supporting Planning and the Implementation Gap

[Auditorium](#)

Chair *António Pais Antunes*

PSS: a valuable tool for planning practice?

Stan Geertman

How useful is measuring PSS usability, and why do we keep doing it?

Marco Brömmelstroet

EVIDENCE Re-inventing analysis, design and decision support systems for planning.

Paulo Pinho

11:30 — 13:00

PARALLEL SESSION 3

Parallel Session A1.3

[Auditorium](#)

Testing Usability I

Chair *Anders Larsson*

Knowledge or Strategic Misrepresentation in planning practice?

Anders Langeland

Accessibility to technical infrastructure as part of land development potential.

Maruška Šubic Kovav, Metka Sitar, Petra Pergar, Matija Polajnar

Accessibility Instruments in Planning Practice: Practitioners View on the Structural Accessibility Layer (SAL).

Cecília Silva, Tiago Patatas, Ana Amante

Visualizing Urban Accessibility Metrics for Bus Rapid Transit Projects: A Participatory Framework.

Anson Stewart

Parallel Session B1.1

Room G423

Improving Planning Support

Chair *Isabel Vazquez*

GeolCT tools for harnessing locally constructed knowledge.

Isabel Coimbra

Social assignment of surplus-values accrued by plans: a new sustainable urban management instrument.

Emília Malcata Rebelo

Inter-municipal coordination and the “logic of collective action”: the case of Portugal.

Carlos Oliveira and Isabel Breda-Vázquez

Metaplanning: towards 2nd generation Planning Support Systems.

Michele Campagna

The PPP in the environmental sector: It is an efficient public policy? A literature review.

Dimas de Castro, Miguel Branco, Paulo Silva, Humberto Varum

Morphological regions: scientific research and planning practice.

Vitor Oliveira, Cláudia Monteiro

Parallel Session B2.1

Room G424

Transport Planning for the Urban Realm

Chair *Anabela Ribeiro*

Collecting social network data and its importance in the study of transport accessibility and mobility.

John P. Pritchard, Filipe Moura, João de Abreu e Silva

Capibaribe and Beberibe rivers navegability project: impacts of its implementation in urban mobility and sustainable development.

Filipa Malafaya-Baptista, Simone Rosa da Silva

Location of Bike-Sharing Stations.

Inês Frade, Anabela Ribeiro

Searching for TOD evidences in four train lines in Lisbon Metropolitan Area (LMA): panel data analysis approach.

Ana Galelo, Anabela Ribeiro

Urban forms and mobility: a scenario analysis for the city of Rome.

Pierluigi Coppola, Enrica Papa, Gennaro Angiello, Gerardo Carpentieri

Linking urban air quality and transport planning: What are the impacts of Low Emission Zones?

D. Dias, O. Tchepel, A. P. Antunes

14:30 — 16:00

PARALLEL SESSION 4

Parallel Session A1.4

Room G129

Testing Usability II

Chairs *Anders Larsson and Matteo Tabasso*

Issues and questions on the application of Space Syntax accessibility instruments on the Greek planning and design practice.

Magda Mavridou, Vasileia Trova, Avgi Vassi

Practical implications from GDAT1 instrument application.

Lidia Zakowska, Wieslaw Starowicz, Zofia Bryniarska, Sabina Puławska

Joint Accessibility Design: Strategic Urban Development Plan Breda 2030.

Ron Bos, Thomas Straatemeier

Testing gravity-based accessibility instruments to engage stakeholders into integrated land-use and transport planning practice.

Enrica Papa, Pierluigi Coppola, Gennaro Angiello, Gerardo Carpentieri

Bottlenecks for PSS usage: a workshop perspective

Peter Pelzer

Parallel Session B1.2

Room G423

Lessons learned from Evidence

Chair *Fernando Brandão Alves*

Urban Design and Ageing - measuring the quality of elderly friendly public spaces

Lara Mendes, Fernando Brandão Alves

Urban Shrinkage and Housing Vacancy in Oporto: Trends and Policies within the Portuguese Context

Sílvia Sousa, Paulo Conceição, Paulo Pinho

The redefinition of publicness in the context of public space projects

Miguel Nogueira Lopes, Sara Santos Cruz, Paulo Pinho

Urban planning and mobility in the City of Taranto: from the description of the case study towards an evaluation of public transport accessibility.

Enza Chiarazzo, Silvia Rossetti

Assessing the benefits from combined urban parks and retention basins using the SULD decision support tool: a case study for the city of Aveiro (Portugal)

Peter Cornelis Roebeling, Carla Teotónio, Miguel Saraiva, João Rocha, Cátia Baptista, Teresa Fidélis, Filomena Martins

Implementation difficulties in local planning: the case of the Plano Diretor in Brazil.

Filipa Malafaya-Baptista, Emilia Kohlman Rabbani, Simone Rosa da Silva

Parallel Session B2.2

Room G424

Broader Challenges for Transport Planning

Chair *António Couto*

Combined Stated and Revealed Preference Mixed Logit Demand Model for Lisbon - Oporto corridor.

Olga Petrik, Filipe Moura, João de Abreu e Silva

Modelling commercial establishments' freight demand: a comparison of alternative methodological options.

André Romano Alho, João de Abreu e Silva

Planning Support Systems - Alternatives Evaluation using Cost-Benefit Analysis and the Impact of the Discount Rate.

Heather Jones, Filipe Moura, Tiago Domingos

Transport Project Evaluation and Decision Support: Modelling Group Preferences for the Multiplicative AHP and Feasibility Risk Assessment.

Kim Bang Salling

Accessing airports: what determines the preferred mode.

Kenneth Button, Rui Neiva

16:30 — 18:00

PLENARY SESSION 4 — Bridging the Implementation Gap

[Auditorium](#)

Chairs *Cecília Silva (COST TU1002) and Paulo Pinho (CITTA)*

Results of debate in parallel session presented by each Chair

Bridging the Implementation Gap for Accessibility Instruments

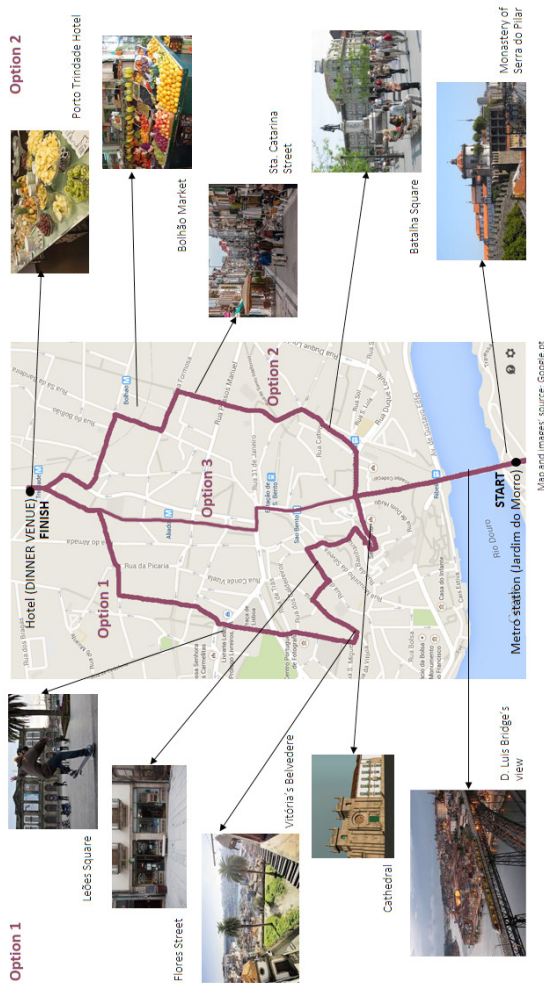
Cecília Silva

TOUR – 3 Options

NOTES

The tour will follow one of the three options to be decided on the 23rd of October regarding time and weather conditions (to be informed during the closing);

Take the metro (yellow line) from FEUP at the IPO station to the Jardim do Morro station.



ORGANIZING COMMITTEE

Cecília Silva (Chair), Paulo Pinho, Anabela Ribeiro, Paulo Conceição,
Ana Amante, Miguel Lopes, Tiago Patatas, Ana Sousa.

SCIENTIFIC COMMITTEE

Álvaro Seco, António Pais Antunes, Cecília Silva, Isabel Vazquez,
Luca Bertolini, Marco te Brömmelstroet, Nuno Pinto, Paulo Pinho.