



## **ECIs and Young Researchers' Sessions**

### **Summary**

The “Young researchers’ session” bring the opportunity for permitting ECI's<sup>1</sup> and PhD's students to present their work and develop their academic network. This session was initiated successfully in 2015 in Budapest and continued once a year since then; in Bucharest on 2016 and in Krakow on 2017.

For the final event of the Action in Milano, the *Final Meeting Committee* decided to include young researchers’ presentations as part of the conference sessions. It will enable the young researchers to present their work with senior researchers and also will enrich the “state-of-the- art” sessions with current research. In addition, a Poster Session of young researchers was added to the program.

Dr. Slaven Gasparovic (Croatia) is the ECI coordinator of the Action and in charge of these sessions.

### **ECIs & Young researchers' 1<sup>st</sup> session in Budapest, June 1<sup>st</sup> 2015**

*Moderator: Dr. Slaven Gasparovic, ECI coordinator*

1. **Jose Luis Machado Leon**, University of Granada, Spain:  
*Improving and implementing PT, satisfactory surveys, academic and field work.*
2. **Matthew Hanchard**, University of Sheffield, UK:  
*Towards a Digital Sociology of Cartography.*
3. **Jelena Smiljanic**, Institute of Physics Belgrade, Serbia:  
*Conference attendance patterns.*

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<sup>1</sup> ECI (**Early Career Investigator**) - An individual who is within a time span of up to 8 years from the date they obtained their PhD/doctorate (full-time equivalent).

4. **Michiel De Meyere**, University of Antwerpen, Belgium:  
*Assessing daily urban systems in Belgium: a network approach based on commuting flows.*
5. **Arnaud Adam**, Catholic University of Louvain-la-Neuve, Belgium:  
*Bru-net: a new look at interactions within the Brussels Metropolitan area*
6. **Anniki Puura**, University of Tartu, Estonia:  
*Social networks and travel behavior*
7. **Bogdan Toader**, University of Luxembourg:  
*PLAYMOBeL – PLanning and Activity-travel analyTics for future Mobility Optimisation in BelvaL.*
8. **Francois Spurmont** (ECI) University of Luxembourg:  
*STABLE - Sustainable Transport behavior considering Activity chains of BelvaL commutErs*
9. **Michal Gat Morad**, Technion, Israel:  
*Enhancing pedestrians Urban Navigation Experience by means of a Smart Environment accounting for spatial, temporal and social factors.*
10. **Maria Tsami**, University of Thessaly Volos, Greece:  
*Transit Quality of Service & travel behaviour.*

#### **ECIs & Young researchers' 2<sup>nd</sup> session in Bucharest May 19<sup>th</sup> 2016**

*Moderator: Dr. Slaven Gasparovic, ECI coordinator*

1. **Fariya Sharmeen** (ECI, MC Sub) Radboud Univeristy Nijmegen, Netherlands:  
*Dynamics of Social Networks and Activity Travel Behaviour.*
2. **Emmanouil Chaniotakis** (PhD student, MC Sub) National Technical University of Athens, Greece:  
*Connecting Social Networks and Mobility through Social media.*
3. **Sabri Khouri** (PhD student) Technion, Israel:  
*Social Networks and the City: the influence of social networks information on the creation of new mental maps of cities.*
4. **Anniki Puura**, Institute of Geography University of Tartu, Estonia:  
*Patterns of co-presence in geographically distant relationships.*

5. **Peter Holecko** (ECI, MC member) University of Žilina, Slovakia:  
*Optimization of channel access in wireless sensor networks.*
6. **Arnaud Adam**, Université catholique de Louvain, Belgium:  
*The Brunet project: a new look within the metropolitan area of Brussels.*
7. **Lien Bakelants**, University of Antwerpen, Belgium:  
*Spatial and social inequalities in job accessibility – A case study in Belgium.*

### **ECIs & Young researchers' 3<sup>rd</sup> session in Krakow, June 30<sup>th</sup> 2017**

*Moderator: Dr. Slaven Gasparovic, ECI coordinator*

1. **Heinrich Löwen** (PhD student), Institute for Geoinformatics, University of Muenster, Germany:  
*Identifying Context-Dependent Orientation Information for Incremental Route Instructions.*
2. **Nir Kaplan** (PhD student), Tel Aviv University, Israel:  
*Why angular centralities are more suitable for space syntax modeling?*
3. **Cayetano Ruiz-Alarcon-Quintero** ( PhD. Candidate) Transportation Engineering, Faculty of Engineering, University of Sevilla, Spain:  
Missing data processing in the Smart-City context.
4. **Yuval Rubinstein** (PhD student), Faculty of Architecture and Town Planning, Technion (Israel):  
*Developing a dynamic urban planning model, based on advanced information systems.*
5. **Rumana Islam Sarker** (PhD student), Unit for Intelligent Transport Systems, University of Innsbruck, Austria:  
*Relating reactions to service disruptions and transit use frequency: the mediating role of perceived service quality and transit system resilience*
6. **Maria Karatsoli** (PhD student), University of Thessaly, Greece:  
*Intelligent transport systems with usage of “big data” for management of sustainable mobility*
7. **Ioannis Karakikes** (PhD candidate) University of Thessaly, Greece:  
*Simulation and impact assessment of innovative systems for urban freight distribution*

8. **Andrzej Jarynowski** (PhD candidate) Interdisciplinary Research Institute, Wroclaw (Poland):  
*The spread of nosocomial infections based on topological structure of hospital studied by computer simulations and social network analysis"*

#### **Young researchers' 4<sup>th</sup> session in Milano February 14<sup>th</sup>-15<sup>th</sup> 2018**

##### **❖ Presentations in COST TU1305 Final Conference:**

##### **In Session 1: *ICT Social Networks and Travel Behaviour – Theory and Practice***

- **Mr. Oded Gal**, The Faculty of Architecture and town planning, Technion, Israel:  
*Perceptions and usage of ridesharing platforms: the role of trust.*
- **Dr. Francois Sprumont**, University of Luxembourg, Luxembourg:  
*Workplace relocation and travel behavior: what could be the benefit of ICT social network information?*

##### **In Session 2: *The Urban Perspective of ICT Social Networks and Travel behaviour***

- **Mr. David Duran**, Technical University of Munich, Germany :  
*Identification of spatiotemporal factors affecting arrivals and departures of shared vehicles: Methodology for comparing multiple cities on a local level using open-source*
- **Ms. Candan Eylül Kilsedar**, Politecnico di Milano, Italy:  
*2D and 3D visualization of OpenStreetMap data*

##### **In Session 3: *Social Media and Big Data in Transport Analysis and Planning***

- **Ms. Maria Karatsoli**, University of Thessaly, Greece:  
*Intelligent transport systems with usage of "big data" for management of sustainable mobility*
- **Ms. Rosa Arroyo**, Universitat Politecnica de Valencia, Spain:

*Influence of attitudes towards the use of ICT Social Network in mobility and social interactions on commuting trips*

❖ **Young researchers' Posters Session** (by alphabetic order) in **COST TU1305 Final Conference:**

1. **Mr. Adam Arnaud**, *Rediscovering urban models with non -conventional data and methods? The mosaic of Brussels.* Catholic University of Louvain-la-Neuve, Belgium.
2. **Mr. Aschauer Florian**, *The changing character of travel behaviour: An innovative survey design for understanding individuals' trade-off processes.* Institute for Transport Studies, University of Natural Resources and Life Sciences, Vienna, Austria.
3. **Mr. Ding Ma**, *A Smooth Curve as a Fractal Under the Third Definition.* University of Gävle, Sweden.
4. **Mr. Hanchard Matthew**, *Latent resources and spatial practice: if mobile media are not directly used, can they still inform mobilities?* Newcastle University, UK.
5. **Mr. Karakikes Ioannis**, *Evaluation of Social Delivery as key-measure to last mile distribution.* University of Thessaly, Greece.
6. **Mr. Khoury Sabri**, *Virtual Mental Maps.* Faculty of Architecture and town planning, Technion, Israel.
7. **Mr. Rubinstein Yuval**, *Dynamic Urban Planning. Developing a dynamic urban planning model based on advance information systems.* Faculty of Architecture and town planning, Technion, Israel.
8. **Mr. Soler Daniel Casquero**, *Influence of attitudes towards the use of ICT Social Networks in mobility and social interactions on leisure travel behavior.* Universitat Politecnica de Valencia, Spain.
9. **Ms. Vranic Ana**, *Social network structure: physics perspective.* Institute of Physics in Belgrade, Serbia.