

## SEC-FCL Postgraduate Student wins Best PhD Paper Award at the European Association for Research in Transportation Congress

16<sup>th</sup> September 2015: PhD student Mr Sergio Arturo Ordóñez Medina from the Singapore-ETH Centre Future Cities Laboratory (SEC-FCL) has received the best PhD Paper Award at the recent 4<sup>th</sup> European Association for Research in Transportation (hEART) 2015 symposium, held this year at the Technical University of Denmark. Originally hailing from Colombia, Mr Ordóñez Medina is in his final stages of his PhD in the field of transport engineering with Prof. Dr. Kay W. Axhausen as his doctoral adviser.



The hEART 2015 symposium is an interdisciplinary research conference, covering all areas of transportation research, with a focus on quantitative methods and analysis of transport systems. Over 150 papers were selected for presentation, which was complemented by 3 keynote speakers.

In the paper titled 'Personalized multi-activity scheduling of flexible activities', Mr Ordóñez Medina obtained real-world data from a previous transport survey, generated flexible activity patterns, and developed a multi-activity scheduling algorithm. This approach was validated via tests in MATSim, a large-scale multi-agent simulation platform to assess transport demand in megacities developed by SEC-FCL and other institutions.

Click [here](#) to access the conference paper. To know more about the technological capabilities of SEC-FCL, please visit the CREATE website for more information.

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