

TRAVISIONS 2018

TRA VISIONS 2018 awarded prizes to young researchers at TRA 2018

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Vienna, Austria: The EU-funded competition TRA VISIONS 2018 has just awarded prizes to its young researcher winners at the end of the Opening Ceremony on Monday 16th April (12-12:30pm) of the 2018 Transport Research Arena (TRA 2018). Young researchers from all over Europe submitted innovative concepts in order to enhance smart, sustainable and integrated transport and mobility of people and goods.

The main activity of TRA VISIONS 2018, a project funded by the European Commission (EC), is the development and implementation of two competitions. One is directed towards young researchers and the second towards senior researchers involved in EU projects. They take place every two years together with the TRA, the most important European conference on transport.

Overall, 169 young researchers from 56 different European universities participated in the TRA VISIONS 2018 Student Competition and submitted 122 ideas for the transport modes road, rail, waterborne and cross-modal.

The TRA VISIONS 2018 Young Researchers Competition awarded prizes sponsored by industry (ALICE, ERTRAC, Meyer Werft, SHIFT2RAIL and UITP). In the road sector, the winners were Mareike Hedderich from Munich University of the Federal Armed Forces (Park Spot Routing), Irene Martinez from Universidad Politecnica de Catalunya (Location of Variable Speed Limit application area to avoid capacity drop) and Federico Perrotta from University of Nottingham (Evaluation of road pavements fuel efficiency using truck sensors data). In the rail sector, the winners were Sander Van Aken and his team from Delft University of Technology (Optimising Railway Timetables for Maintenance Possessions), Bernhard Reinholz from Hochschule München (Using braking energy in diesel locomotives) and Robin Severs from Coventry University (Customer Experience and Exclusion of Smaller Towns in Intercity High Speed Rail Networks). In the waterborne sector, the winners were Carlo Augusto Pasquinucci from Università di Genova (Free Form Deformation and Surrogate Surface: a Help in Greener Ship Design), Emmanouil-loizos Tsougranis from Newcastle University (Pressurised SOFC-GT Electric Propulsion Power Plant for LNG vessels) and Syed Marzan Ul Hasan from University of Liege (A Method for Optimizing Cruising Speed Profile using Coasting Phenomena for an Eco-Friendly Ship). Finally, in the cross-modality sector, the winners were Tomas Ambra and his team from Vrije Universiteit Brussel (Potential of supply chain collaboration in Brussels: up-scaling performance of demonstration case), Katrin Lättman from Karlstad University (Capturing the human dimension of accessibility in transport) and Alfons Julian Bock from RWTH Aachen University (Intersection Dataset from UAV Video Data for Automated Driving).



TRAVISIONS 2018 is a project funded under the EC's Horizon 2020 research and innovation programme. The project consortium members are the Institute for Automotive Engineering of RWTH Aachen University, Foundation WEGEMT – A European Association of Universities in Marine Technology and Related Sciences, BALance Technology Consulting GmbH, Politecnico di Torino, Newcastle University, Forum of European National Highway Research Laboratories (FEHRL), Austrian Institute of Technology (AIT) and University College London (UCL).

Further details on the competitions, the winners and the participants may be found at www.travisions.eu or visit us at the TRAVISIONS booth next to the Press Centre in the Congress Center, Level 0.

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