

B401 – Ensuring Strong Public Support for Automation in the Planning Process



Wolfgang Backhaus

Rupprecht Consult - Forschung & Beratung GmbH

Dr. Wolfgang Backhaus is a social and natural scientist with a PhD on network management of learning regions to foster transition towards a knowledge economy. Before joining Rupprecht Consult, he worked as a scientific worker and team leader at the Centre for Learning and Knowledge Management of RWTH Aachen University. At Rupprecht he leads the Collective and Intelligent Mobility Team. Wolfgang has many years of practical experience in strategy development and change management for industry and municipalities in the focus fields of sustainable transport concepts, urban mobility, and transport economy. He coordinates and is involved in several R&I projects on cooperative, connected and automated mobility (CCAM) and is main author of the SUMP Practitioners Briefing for Road Vehicle Automation in sustainable urban mobility planning.



Mahmud Farooque

Arizona State University

Mahmud is the Associate Director of the Consortium for Science, Policy and Outcomes (CSPO) and a Clinical Associate Professor, at Arizona State University's Washington DC Center. His research and practice focus on linking science policy to better societal outcomes. Mahmud co-leads CSPO's long-term efforts to build a community of practice among innovative R&D program managers in the government, non-government and private sectors. These include convening informal and formal knowledge exchanges between program managers about the challenges and opportunities for innovating in path dependent institutions. Mahmud is the principal coordinator of Expert and Citizen Assessment of Science and Technology (ECAST) – a distributive institutional network that brings together research centers, informal science education centers, citizen science programs and non-partisan policy think tanks to engage citizens on decision-making related to science and technology policy. He led large-scale public consultation projects on biodiversity, space, climate, and energy to support policy and decision-making at the national and global levels. His recent public consultation projects involve Climate Change Resilience, Gene Drives, Driverless Cars, Geoengineering, and Gene Editing. Mahmud's expertise focuses on innovation systems, research management, knowledge co-production, policy entrepreneurship, and participatory technology assessment.



Leah Kaplan

The George Washington University

Leah is a Ph.D. student in the Systems Engineering Program at the George Washington University and a National Science Foundation Graduate Research Fellow. Leah's research focus is on how policies and transportation planning practices might direct AV deployment towards desirable outcomes, with a specific focus on equity. Before starting her doctorate, Leah worked as the Project Coordinator for Arizona State University's Consortium for Science, Policy & Outcomes. In that role, Leah helped design public deliberations about the future of autonomous vehicles that were held in 25 cities across North America, Europe, and Asia in the Summer of 2019. As part of that project, Leah coordinated the four U.S. deliberations and conducted preliminary analyses on the data from the deliberations. She is continuing to analyze data from these data as part of her doctoral research.



Sara Khoeini
Arizona State University

Sara Khoeini is an assistant research professor of transportation systems in the School of Sustainable Engineering and the Built Environment at Arizona State University. She is also the assistant director of a USDOT Tier 1 University Transportation Center (UTC) called TOMNET (Teaching Old Models New Tricks). She got her PhD in Civil and Environmental Engineering in 2014 from Georgia Institute of Technology with a focus in transportation systems. She is studying users' attitudes, behaviors, and choices in response to transformative and disruptive changes in transportation, including automation, the sharing economy, and most recently, the pandemic. Her research goal is to take advantage of these rapidly evolving transformations in transportation to elevate quality of life for all, while advancing system-level sustainability, efficiency, and productivity. Most recently, Dr. Khoeini has been serving as the leader of the TOMNET Transformative Technologies in Transportation (T4) Survey project that involves coordinating a complex survey deployment effort across four universities.



Monica Grosso
Joint Research Centre - European Commission

Monica Grosso is a transport economist and she works at the Sustainable Transport Unit of the European Commission Joint Research Centre (JRC), Ispra, Italy since 2017. She is part of the Transport Research and Innovation Monitoring and Information System (TRIMIS) Team working of transport R&I, innovation capacity, human resources and on the socio-economic impact of Cooperative, Connected and Automated Mobility. She has been working as researcher on transport economics in the public and private sector since 2006, dealing with socio-economic analysis, mainly in the maritime and intermodal sector. She holds a PhD in Transport, Logistics and Territory and Applied Economics from the University of Genoa, Italy, and the University of Antwerp, Belgium.



Maria Alonso Raposo
European Commission - Joint Research Centre (JRC)

María Alonso Raposo holds a degree in Industrial Design Engineering and Human-Computer Interaction. She worked as researcher on human factors in driving in the private sector for about 15 years. Then she joined the Sustainable Transport Unit at the European Commission Joint Research Centre (JRC) Ispra, Italy, in 2016 as a technology and policy analyst on autonomous road transport. The main focus of her work is the analysis of the social and economic implications of a Cooperative, Connected and Automated Mobility, in support of EU policy-making in this area. At present, she is responsible for the scientific activities of the JRC Future Mobility Solutions Living Lab engaging citizens in the co-creation of future mobility.



Siegfried Rupprecht
Rupprecht Consult - Forschung & Beratung GmbH

Siegfried Rupprecht is the owner and Executive Director of Rupprecht Consult – Forschung & Beratung GmbH. He has worked in sustainable urban development for over 25 years. His projects related to road automation include CoEXist (planning for the transition phase of urban automation), a COST Action on the impacts of road automation and a research project on regulation of disruptive technologies.



Martin Russ

AustriaTech

Martin Russ has been Managing Director of AustriaTech since 2011 and has more than 25 years of expertise in the field of transport planning and mobility technologies. He is the visionary heart of the company. Under his leadership, AustriaTech's remit has been expanded to include activities on automated and clean mobility, and the topic of mobility in an urban context has been added to the company's portfolio. Since July 2019, he has been a member of the Mission Board for Climate-Neutral and Smart Cities within the Horizon Europe research program.



Egan Smith

U.S. DOT ITSJPO FHWA

Egan has decades of professional experience in ITS, transportation program management and transportation planning. Egan is a registered Professional Engineer, Professional Traffic Operations Engineer and Professional Transportation Planner. Egan has a Bachelor of Science degree in Civil Engineering, a Master of Engineering degree in Traffic Engineering and Operations research, and a Master of Science degree in Technology Management. Egan is the Managing Director of the Intelligent Transportation Systems (ITS) Joint Program Office (JPO). Prior to the ITS JPO Egan worked at Federal Highway Administration (FHWA) on the Planning Oversight and Stewardship Team. There he served as the planning lead for the Planning for Operations Program and Performance Based Planning and Programming. Prior to FHWA Egan worked as a consultant leading several ITS projects - going back to FHWA's Automated Highway Systems Precursor Systems Analysis in the early 90's. Egan began his transportation career as a Graduate Research Fellow with FHWA at Turner Fairbanks where he researched Modeling Perspectives for the Automated Highway.



Nikolas Thomopoulos

WISE-ACT

Nikolas Thomopoulos is a Senior Lecturer in Transport at the University of Surrey and the Chair of WISE-ACT, a network of more than 150 experts in 42 countries focusing on the Wider Impacts and Scenario Evaluation of Autonomous and Connected Transport. Previously he was a researcher at LSE Cities and at the Institute for Transport Studies of the University of Leeds, where he was also a Marie Curie fellow. He holds a degree in economics from the University of Macedonia in Greece, a MSc from the University of Oxford and a PhD from the University of Leeds. Following his time in Greece, Germany and the UK he has conducted research in a range of international research projects, including the New Climate Economy in the build up to COP-21 and has been a visiting researcher at the European Commission Joint Research Centre. In 2018, he was among the 25 participants selected to participate in the 6th EU-US Symposium: Socio-economic Impacts of Automated and Connected Vehicles. His research outputs include a Special Issue about Autonomous and Connected Transport: The User Perspective, co-edited books about Policy implications of Autonomous Vehicles and ICT for Transport, whereas his research also focuses on EVs and the Surrey Living Lab. More information about ongoing activities can be found through <http://www.wise-act.eu>.



Takahiko Uchimura

ITS Japan

Takahiko Uchimura joined ITS Japan in April 2011 after more than 30 years of Vehicle safety development in Nissan Motor Co., Ltd. He is a Project Leader of Automated Driving in ITS Japan since April 1, 2014. He leads ITS Japan Automated Vehicle Research Activity to realize Level 4 driverless automated mobility services. He also works for Advanced Mobility Research Center, Institute of Industrial Science, The University of Tokyo since November 2017 as a Project researcher for Automated vehicles.



Yasumasa Yonei

BOLDLY Inc.

Yasumasa Yonei joined BOLDLY Inc. in August 2020. He is a project manager of autonomous vehicle deployment projects. Conducted several projects including, urban Tokyo area project where the autonomous shuttle drove on a pedestrian exclusive road. He leads BOLDLY's social implementation projects to realize Level 4 driverless automated mobility services.