

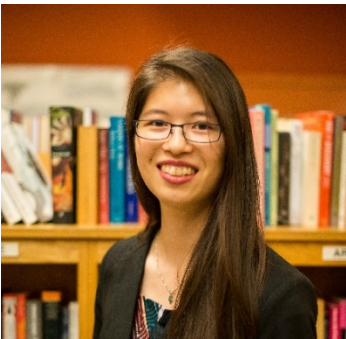
B208 – Proxy Metrics for Social Equity Considerations of Automated Vehicles



Kara Kockelman

University of Texas at Austin

Kara Kockelman is a registered professional engineer and holds a PhD, MS, and BS in civil engineering, a master's in city planning, and a minor in economics from the University of California at Berkeley. She has been a professor of transportation engineering at the University of Texas at Austin for 23 years, and is the recipient of an NSF CAREER Award, Google Research Award, MIT Technology Review Top 100 Innovators Award, Vullog's Top 20 of 2020 Influential Women in Mobility, and various ASCE, NARSC, TRF, and WTS awards. She recently served as President of the North American Regional Science Association and sits on the Eno Center for Transportation's Advisory Board, as well as three TRB Committees. She has authored over 180 journal articles (and two books), and her primary research interests include planning for shared and autonomous vehicle systems, the statistical modeling of urban systems, energy and climate issues, the economic impacts of transport policy, and crash occurrence and consequences. Pre-prints of these articles (and book contents) can be found at www.caee.utexas.edu/prof/kockelman. She hopes you will join the zero-cost, zero-carbon Bridging Transportation Researchers conference in early August, by registering here: www.bridgingtransport.org.



Cathy Wu

MIT

Cathy Wu is an Assistant Professor at MIT in LIDS, CEE, and IDSS. She holds a PhD from UC Berkeley, and B.S. and M.Eng from MIT, all in EECS, and completed a Postdoc at Microsoft Research AI. Her interests are broadly in machine learning and mobility. She studies the technical challenges surrounding the integration of autonomy into societal systems. Her work has been acknowledged by several awards, including the 2019 IEEE ITSS Best Ph.D. Dissertation Award, 2019 Microsoft Location Summit Hall of Fame, 2018 Milton Pikarsky Memorial Dissertation Award, the 2016 IEEE ITSC Best Paper Award, and numerous fellowships, and appeared in the press, including Wired and Science Magazine.