



Join us for the

IEEE Smart Cities Tokyo Japan

April 12, 2023, 7 pm PDT

Live Stream Seattle Washington

Find out why Tokyo Japan is one of the top Smart Cities in the World. Tokyo, the city articulated in the Society 5.0 initiatives, installing smart cities in Japan has been one of the priority measures to resolve social and economic issues related to mobility, health, tourism, energy, environment, finance, Tokyo metropolitan government services, etc. Recently, the Japanese diet passed the Digital Procedure Law to accelerate the digitalization of administrative procedures of governments, which is expected to serve as an important basis for promoting smart cities.

Register today at: <https://events.vtools.ieee.org/m/352780>



Joy Bhattacharya
Director of Innovative Transportation Systems

Joy leads the Innovative Transportation Solutions' team for Advanced Mobility Group (AMG). AMG's innovative transportation solutions' team bridges the gap between the past practices and being prepared for the future. Being in a new era of advanced mobility and digital transformation, we provide the solutions that would prepare Cities for Connected Communities, Connected Autonomous Vehicles, and Smart City solutions. Joy has in-depth experience in the development, design and implementation of various engineering strategies in major metropolitan areas, including Adaptive/Responsive Traffic Signal Systems and Transit Priority Systems; Integrated Corridor Management (ICM), Incident Management Plans, design of automated Electronic Toll Collection systems, Autonomous and Connected Vehicles, Smart Cities, and preparation of PS&E for field implementation of DSRC/CV2X, CCTV, Changeable Message Signs, Adaptive Ramp Metering and ATMS systems. Joy is the Director of the V2X lab at the GoMentum Station, the largest test bed in the US, setting up a V2I environment for system interoperability testing and developing safety applications working collaboratively with OEMs, Roadside Unit vendors, Universities, and V2I equipment providers.

Joy is an active member of the Bay Area Section of ITE and served as the 2006-2007 President. His in-depth involvement with this organization keeps him abreast of traffic issues facing jurisdictions in the Bay Area and the latest, developing technologies/ methodologies being utilized in the field of transportation engineering. Joy is a registered Civil Engineer and a Professional Traffic Operations Engineer, with advanced degrees from the University of Tokyo, Japan, and the University of Delaware. He has worked with numerous Bay Area agencies on a variety of traffic engineering assignments. He is very familiar with government protocol relating to transportation studies and projects, and has experience with a variety of agencies as well as the public. Local projects to his credit include the Mountain House ATMS, City of Hayward ATMS and Adaptive Signal Systems, Webster Street SMART Corridor System, I-80 Integrated Corridor Management, SR 4 ICM, GoMentum Station, and the Santa Clara VTA Capitol Corridor Transportation Study.

In addition, he is an instructor for three courses offered through the UC-Berkeley Technology Transfer Program: TE-10 and TE-04 Signal Timing and Operations, and California Traffic Engineering License Review.



Robert Devlin
Software Engineer in Tokyo, Japan Microsoft

Enjoys solving problems and making things better!

Currently working in Tokyo as a software engineer. Big fan of connecting and connecting others, so feel free to reach out!

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