

SHARED URBAN MOBILITY IN DEVELOPING NATIONS:

INTEGRATING INHERENT STRENGTHS WITH LEARNINGS FROM DEVELOPED ECONOMIES

The webinar is being jointly organized by the Ranbir and Chitra Gupta School of Infrastructure Design and Management (RCGSIDM), IIT Kharagpur, and Institute of Transport Studies, and Center for Integrated Energy Research, University of Leeds.

Developing nations are urbanizing at a rapid pace, placing extraordinary stress on the existing supply of infrastructure, and at the same time requiring enormous investment in developing new infrastructure to meet the growing demand. Urbanization, which has several benefits, including access to employment opportunities, improved quality of life, poverty alleviation, etc., is however plagued by significant negative externalities. Urban areas are today marred with issues including deteriorating quality of mobility infrastructure, declining quality of life, growing energy needs and emissions from vehicles, increased vehicular movements leading to congestion along streets, loose regulatory control over growth boundaries resulting in urban sprawl, etc. Such unwanted outcomes often overshadow or offset the positive aspects of urbanization.

Taking cognizance of such realities, several private and public initiatives are being executed that include, adoption of disruptive ride-hailing and ride-sharing services, development of micro-mobility schemes such as bicycle sharing, integrating transit and land use to reduce vehicle kilometers of travel (VKT), electrification of public transport, enhancement of non-motorized transport infrastructure, etc.

As such, the webinar is intended to provide a platform for exchange of ideas between researchers, academicians, and industry experts from around the globe, leading to strategies that would enable decision makers in developing sustainable solutions for developing nations. The webinar will include:

- a. Keynote Speeches
- b. Invited Lectures
- c. Technical Paper Presentations

Dates: December 21-22, 2021

Theme: Shared Urban Mobility Systems

- Mobility as a service (MaaS) and travel behavior
- Impact of electrification of shared mobility fleet
- Role of shared mobility in last-mile connectivity
- Quality of service in shared transport
- Safety and security in shared transport
- Impact of Covid-19 on shared mobility systems
- Innovative data and methods for analyzing urban travel behavior



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Interested participants are requested to submit a 2,000-word extended abstract, on any of the sub-topics listed, by October 31, 2021. Selected abstracts will be invited to present at the webinar. Subsequently, the authors of the selected abstracts, and others, will be invited to submit a full paper, leading to a possible publication in a special-issue journal. All abstracts/full papers will go through a double-blind peer review process.



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Participation in the webinar and subsequent publication opportunity is free of cost.