



Rahmi Akçelik

Key Parameters in Traffic Modelling

May 16 | 3-4:30pm

**The Institute for Transportation
Research and Education**

Room 2600



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Lecture Information

Dr Akçelik will present a guest lecture titled 'Key Parameters in Traffic Modelling', which will cover all fundamental aspects of traffic modelling. Subjects discussed will include general aspects of traffic modelling, basic traffic parameters common to uninterrupted and interrupted flows, traffic signals, roundabouts, sign control, pedestrians, intersection capacity and performance, and lane-based network modelling (lane blockage and capacity constraint, midblock lane changes, lane-based vs link-based signal platoons). This is an opportunity not to be missed!

Dr Rahmi Akçelik is a leading scientist and software developer with 40 years of practical, research and training experience in the area of road traffic operations, traffic engineering, management and control. He is Director of Akcelik and Associates Pty Ltd (trading as SIDRA SOLUTIONS). He has over 300 technical publications in his area of expertise. He is the author of the SIDRA INTERSECTION and SIDRA TRIP software packages. Awards received by Dr Akçelik include the *2014 Roads Australia Award for Technical Excellence* in recognition of the exceptional achievement of an individual in a technical or scientific area relevant to transport and the *1999 Clunies Ross National Science and Technology Award* for outstanding contribution to the application of science and technology.

