

Future Urban Mobility and Public Transportation - Challenges and Values -




Prof. Avishai CEDER

April.14 (Fri) 14:00-15:30

Large Conference Room, IDEC 1F

Moderator: **Akimasa FUJIWARA**

<p style="text-align: center;">Avishai (Avi) Ceder</p>		<p>Affiliation: Professor in Transportation at the Technion – Israel Institute of Technology, and Honorary Professor at the University of Auckland</p> <p>Phone: +972-4-8311212 Mobile: +972-50-5216084 E-mail: a.ceder@auckland.ac.nz, ceder@technion.ac.il URL: http://www.technion.ac.il/~ceder/index.html, http://www.cce.auckland.ac.nz/people/a-ceder</p>
<p style="text-align: center;">BIOGRAPHY</p>	<p>Avishai (Avi) Ceder is the Founder and was the Director, until 2014, of the transportation research centre (TRC) in the University of Auckland. Avi was Head of the Transportation Engineering and Geo-Information Department at the Technion, the Chief Scientist at the Israel Ministry of Transport from 1994 to 1997, and the Israel delegate to the Transport Program of the European Community. He was a visiting Professor twice at MIT, the University of California at Berkeley, and at Universities of Hong Kong and Tokyo, and he is a member of various international symposia and workshops (e.g., ISTTT, CASPT). In 2007 Avi released the book ‘<i>Public Transit Planning and Operation: Theory, Modelling and Practice</i>’, 640 p., by Elsevier, Oxford, UK, which was translated to Chinese by Tsinghua Press, Beijing, 2010; its 2nd edition ‘<i>Public Transit Planning and Operation: Modelling, Practice and Behavior</i>’ 742 p. appeared in 2016 by CRC Press, Boca Raton, USA, and was translated to Chinese by Tsinghua Press, Beijing, 2016, and being translated to Korean by Cheong Moon Gak press, Seoul, Korea.</p>	
<p style="text-align: center;">PRESENTATION</p>	<p>Future Urban Mobility and Public Transportation: Challenges and Values</p> <p>The purpose of this presentation is to review urban transportation likely to be offered in 20-30 years, as the year 2050 approaches. Trip-making behavior has already changed considerably as lifestyles change and it will continue to change in the future. This presentation emphasizes <i>thinking profoundly of the possibilities</i>, rather than <i>predicting</i> them. In the first part (of about 45-minute) it will be shown that solutions for the future must be based on public transport (PT) modes of travel, regardless of whether they are metro, bus, light rail, tram, Uber or Lyft service, an ordinary taxi, personal-rapid transit or any other PT-based future mode. In the second part (of about 45-minute) challenges will be presented as to how to measure the value of PT connectivity, detect weaknesses, and optimize well-connected routes that will offer commuters to access the complete PT network by making transfers efficiently to move hopefully seamlessly.</p>	