



4TH MEETING OF THE

**INTERNATIONAL ENGINEERING
SCIENCE CONSORTIUM**

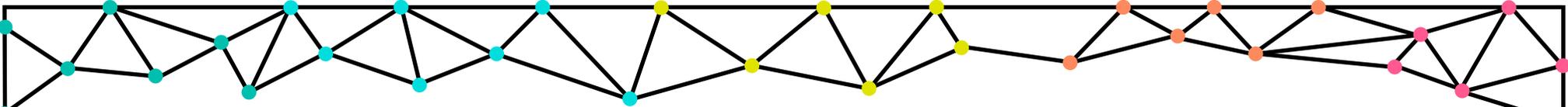
— **BREAKING BOUNDARIES** —



Faculty of Applied Science & Engineering, University of Toronto
40 St George Street, Suite 2110 | Toronto, ON | Canada
416 978-4256 | www.engsci.utoronto.ca

June 25-26, 2019 | 35 St. George St. | Room GB202

University of Toronto



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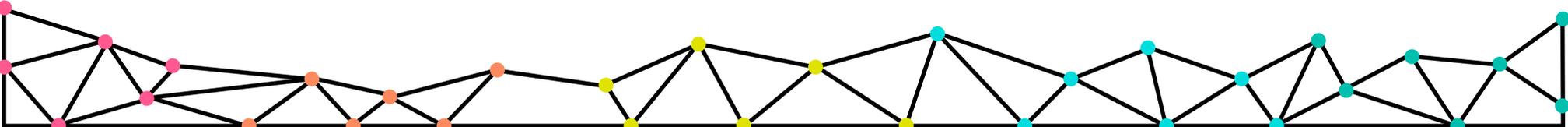
JUNE 25, 2019

- 8:30 Breakfast
- 9:00 Welcoming Remarks
Deepa Kundur | University of Toronto
- 9:30 **Another Engineering Science in Osaka University:
Introduction to Institute for Datability Science**
Genta Kawahara | Osaka University, Japan
- 9:45 **Engineering Science at Osaka University**
Masao Tanaka | Osaka University, Japan
- 10:00 **Applied Science & Technology and
Engineering Science at U.C. Berkeley**
Daryl Chrzan | University of California, Berkeley
- 10:30 Break
- 10:45 **The NUS Experience with Multi-Disciplinary Design Projects**
Anjam Khurshed | National University of Singapore
- 11:30 **Modelling of Tough, Doubly Crosslinked, Single Network
Hydrogel at the Interface between Science & Engineering**
Leif Kari | KTH Royal Institute of Technology, Sweden
- 12:00 Lunch
- 1:00 **Floating Solutions for Challenges facing Humanity**
Chien Ming Wang | University of Queensland, Australia
- 1:30 **Transdisciplinary Engineering Science - Person-Environment-
Activity Research Laboratory**
Nick Tyler | UCL Centre for Transport Studies, UK
- 2:00 Coffee Break
Student project displays introduced by Jason Foster
- 3:30 Myhal Tour led by Nadeem Ahmed

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JUNE 26, 2019

- 8:30 Breakfast
- 9:00 **Global Opportunities**
Dawn Kilkenny | University of Toronto
- 9:30 **Bridging Engineering and Science through Design, Build and Test**
Jason Foster | U of T
- 10:15 **Workshop: Engineering Science as a Discipline:
Foundations, Pedagogy and New Directions**
Lisa Romkey and Nikita Dawe | University of Toronto
- 12:00 Lunch
- 1:00 Chairs' Meeting

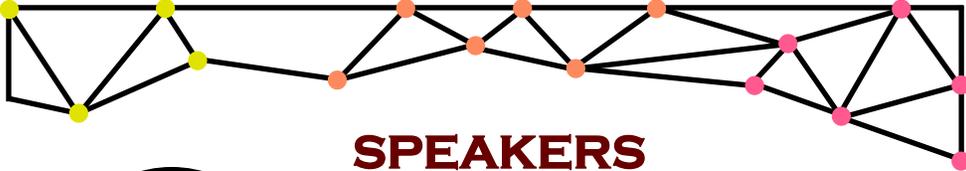


GUEST WIFI ACCESS

Guests may log into the "UofT" Wi-Fi network using

Username: iesc2019

Password: iesc2019



SPEAKERS



Deepa Kundur
Chair
Division of Engineering Science
University of Toronto

Genta Kawahara
Professor

Dept. of Mechanical Science and Bioengineering
Graduate School of Engineering Science
Osaka University



Masao Tanaka
Professor
Dept. of Mechanical Science and Bioengineering
Graduate School of Engineering Science
Osaka University

Daryl Chrzan
Chair

Materials Science and Engineering
University of California



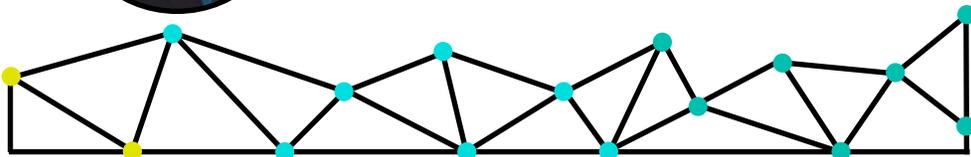
Anjam Khursheed
Director of the Engineering Science programme
National University of Singapore

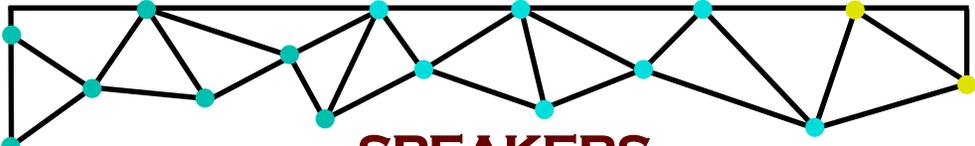
Leif Kari
Professor

Department of Aeronautical & Vehicle Engineering
KTH Royal Institute of Technology



Chien Ming Wang
TMR Chair Professor in Structural Engineering
University of Queensland





SPEAKERS



Nick Tyler
*Chadwick Professor of Civil Engineering
Faculty of Engineering Science
UCL Centre for Transport Studies*



Nadeem Ahmed
*Myhal Centre Facility Manager
University of Toronto*



Dawn Kilkenny
*Associate Chair for Years 1 and 2
Division of Engineering Science
University of Toronto*



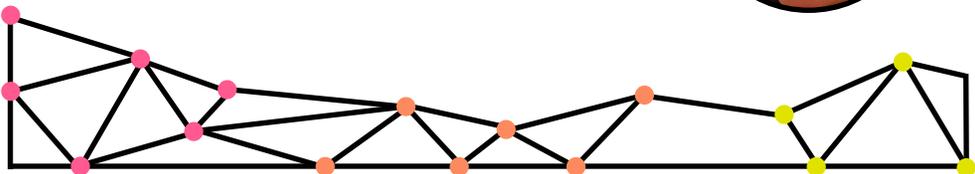
Jason Foster
*Associate Chair Engineering Design and Pedagogy
Division of Engineering Science
University of Toronto*



Lisa Romkey
*Associate Chair Curriculum, Teaching and Learning
Division of Engineering Science
University of Toronto*



Nikita Dawe
*Sessional Instructor/PhD Student
Department of Mechanical and Industrial Engineering,
University of Toronto*





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