



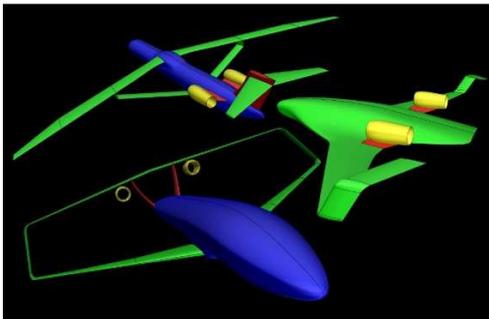
CANADIAN AERONAUTICS AND SPACE INSTITUTE
Toronto Branch

2016 Annual Dinner Meeting & Awards Night

Dr. David Zingg

Professor, University of Toronto Institute for Aerospace Studies

Environmentally Sustainable Aviation



Our guest speaker is Dr. David Zingg, Professor and Director of the University of Toronto Institute for Aerospace Studies (UTIAS). Dr. Zingg's research areas include aerodynamics, computational fluid dynamics (CFD), and aerodynamic shape optimization. His current research is concentrated on applying high-fidelity aerodynamic shape optimization to the design of unconventional low-drag aircraft configurations, motivated by the need to reduce greenhouse gas emissions from aircraft.

Dr. Zingg held the Tier I Canada Research Chair in Computational Aerodynamics and Environmentally Friendly Aircraft Design from 2001-2015, and was awarded a prestigious Guggenheim Fellowship in 2004 for research in the design of environmentally friendly aircraft. In 2015 he was named the CASI Turnbull Lecturer, in recognition of his wide-ranging contributions to sustainable aviation. He is the founder and initial Director of the Centre for Research in Sustainable Aviation, and serves on the Board of Directors and Executive Committee of the Green Aviation Research and Development Network (GARDN), which brings together government, academic, and industrial partners to foster the development of technologies to reduce aircraft noise and emissions.

The presentation will discuss the impact of aviation on the environment, with emphasis on in-flight environmental impact. Technologies toward reducing noise and emissions will be presented, including research underway at UTIAS.

The evening will begin with refreshments, and the opportunity to socialize and network with friends and colleagues from the Greater Toronto Area aerospace community, followed by a buffet dinner.

The CASI Toronto Branch Student Awards will also be presented, recognizing the top graduating students in the aerospace programs at Ryerson University, Seneca College, University of Toronto, and York University.

Date: Saturday, April 23, 2016

Time: 6:00 p.m. Refreshments & Networking
7:00 p.m. Buffet Dinner

Place: Holiday Inn Toronto Yorkdale
3450 Dufferin St, Toronto M6A 2V1
(just South of Hwy 401)

Price: \$55 per person
\$45 per person (Student)

Tickets must be reserved through the CASI website, with online payment. Please visit www.casi.ca/toronto, or [Click Here to Register](#)

REGISTRATION DEADLINE IS APRIL 18.

Eligible CASI members will receive a refund at the door for CASI Knots earned during the year (\$5/100 Knots).

For more information, please contact:

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