

The Canadian
Academy of
Engineering



L'Académie
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2023 CAE Preliminary Program

June 19 – 21, 2023

Victoria, BC

June 19, 2023

7:30pm - 9:00pm	Welcome Reception
8:00pm	Official Welcome <ul style="list-style-type: none">• Dr. Soheil Asgarpour, PhD, P.Eng, FCIM, FCAE, CAE, President of CAE and President and CEO at PTAC• Dr. Elizabeth Croft, PhD, P.Eng., FEC, FSAME, FCAE, FTSE, Vice President, Academic and Provost at the University of Victoria

June 20, 2023

8:00am - 8:45am	Networking Breakfast
8:50am - 9:10am	Welcome and Land Acknowledgment
9:10am - 10:30am	Keynote Speakers and dignitaries <ul style="list-style-type: none">• Dr. Alan Winter, Ph.D., FCAE, President at Winteck Consulting Inc. and Adjunct Professor at the University of Victoria, Former BC Innovation Commissioner at the BC Provincial Government• The Honourable Bowinn Ma, British Columbia's Minister of Emergency Management and Climate Readiness
10:30am - 10:45am	Break
10:45am - 11:30am	Panel Discussion on Resilient Building <ul style="list-style-type: none">• Andrew Pape-Salmon, P.Eng., MRM, FCAE, Commissioner at British Columbia Utilities Commission• Christy Love, P.Eng., CPHC – Principal, Senior Project Engineer at RDH Building Science Inc.
11:30am - 12:00pm	Future of Engineering Committee Update <ul style="list-style-type: none">• Dr. Robert Crawhall, PhD, P.Eng., PMP, ICD.D, FCAE, Executive Director at the Canadian Academy of Engineering• Dr. Soheil Asgarpour, PhD, P.Eng, FCIM, FCAE, CAE, President of CAE and President and CEO at PTAC

	<ul style="list-style-type: none"> • Dr. Oskar Sigvaldason, PhD., P.Eng., Project Manager at Trottier Energy Futures Project and Owner & President at SCMS Global
12:00pm - 1:00pm	Networking Luncheon
1:00pm - 2:30pm	<p>Panel Discussion on Future Energy Fusion and Fission</p> <ul style="list-style-type: none"> • Dr. Alex Meisen, C.M., PhD, P.Eng., EurIng, FCAE, FCIC, President at Fusion Energy Council of Canada and Professor Emeritus at the University of British Columbia • Dr. Michel Laberge, PhD, Founder and Chief Scientist at General Fusion • Dr. Igor Pioro, PhD, P.Eng., FCAE, FASME, CSME, EIC, Professor, Faculty of Engineering and Applied Science at OntarioTech
2:30pm - 2:45pm	Break
2:45pm - 3:45pm	<p>Panel Discussion on Equity, Diversification, and Inclusion in Engineering</p> <ul style="list-style-type: none"> • Dr. Laleh Behjat, PhD, P.Eng., NSERC Chair for Women in Science and Engineering (Prairie Region) • Dr. Elizabeth Croft, PhD, P.Eng., FEC, FSAME, FCAE, FTSE, Vice President, Academic and Provost at the University of Victoria • Karen Savage, P.Eng., FEC, President at Horizon Engineering Inc.
3:45pm - 4:30pm	<p>Panel Discussion on Clean Energy Pathways</p> <ul style="list-style-type: none"> • Dr. David Wilkinson, PhD., P.Eng., C.M., FCAE, FRSC, FCIC, FEIC., Professor and Canada Research Chair, Chemical and Biological Engineering at the University of British Columbia • Dr. Mina Hoorfar, BAsC, MASc, PhD., P.Eng., Dean of Engineering and Computer Sciences, Professor of Mechanical Engineering at University of Victoria
Gala and Induction Dinner	
6:00pm - 6:45pm	Reception
6:45pm - 9:30pm	Gala Dinner and Induction Ceremony Welcome Address from Senator Rosa Galvez

June 21, 2023

8:00am - 8:45am	Networking Breakfast
8:45am - 9:45am	<p>Panel Discussion on Future Networks for Ubiquitous Intelligence</p> <ul style="list-style-type: none"> • Dr. Robert Crawhall, PhD, P.Eng., PMP, ICD.D, FCAE, Executive Director at the Canadian Academy of Engineering • Dr. Alberto Leon-Garcia, PhD., FCAE, Professor, Department of Electrical and Computer Engineering at the University of Toronto

	<ul style="list-style-type: none"> • Dr. Song Guo, FIEEE, FCAE, Changjiang Chair Professor, Department of Computing at the Hong Kong Polytechnic University • Dr. Lin Cai, P.Eng., FEIC, FIEEE, RSC College Member, NSERC Steacie Fellow, Professor, Department of Electrical and Computer Engineering at the University of Victoria
9:45am - 10:45am	<p>Panel Discussion on Electric Grids</p> <ul style="list-style-type: none"> • Guy van Uytven, MBA, M.Eng., Power Systems Consultant for the African Development Bank, Nairobi Kenya • Ken Putt, P.Eng., FCAE, FCSSE, FEC, FEIC, FGC, Independent Director at PTAC • Other panelist to be confirmed
10:45am - 11:00am	Break
11:00am - 12:00pm	<p>Panel Discussion on Infrastructure Projects</p> <ul style="list-style-type: none"> • Colin Smith, M.S., MBA, FEC, P.Eng., FCAE • Catherine Karakatsanis, M.E.Sc., P.Eng., FCAE, FEC, ICD.D, President Elect of the Academy and Chief Operating Officer at Morrison Hershfield Group Inc. (Zoom) • Dr. Soheil Asgarpour, PhD, P.Eng, FCIM, FCAE, CAE, President of CAE and President and CEO at PTAC
12:00pm - 1:00pm	Networking Luncheon
1:00pm - 2:00pm	<p>Panel Discussion on Engineering Capacity for the Energy Transition</p> <p>Panelists to confirmed</p>
2:00pm - 3:45pm	<p>Panel Discussion on Forestry</p> <ul style="list-style-type: none"> • Dr. Ron Crotogino, PhD., FCAE, President & CEO at ArboraNano • Dr. Richard Berry, PhD., Chief Technology Officer (retired) at CelluForce • Dr. Ian de la Roche, PhD., Owner at Delaroché Consultancy • Bill Adams, BAsC, Meng, MBA, FCAE, Vice President, Sustainability & Innovation at Mercer International • Dr. Tom Browne, PhD., FCAE, Principal at Tom Browne and Associates
3:45pm - 4:00pm	Closing Remarks