



## 2023 CAE Program Victoria, BC

### June 19, 2023

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

### June 20, 2023

8:00am – 8:45am	Networking Breakfast - <b>Terrace Ballroom</b>
8:50am – 9:10am	<p>Welcome and Land Acknowledgment – Spirit Room</p> <ul style="list-style-type: none"> <li>• <b>Dr. Soheil Asgarpour, Ph.D., P.Eng, FCIM, FCSSE, FCAE</b>, President of CAE and President and CEO at PTAC</li> <li>• <b>Dr. Robert Crawhall, Ph.D., P.Eng, PMP, ICD.D, FCAE</b>, Executive Director at the Canadian Academy of Engineering</li> </ul>
9:10am – 10:30am	<p>Keynote Speakers and Dignitaries</p> <ul style="list-style-type: none"> <li>• <b>Dr. Mina Hoorfar, BSc, MSc, Ph.D., P.Eng, FCAE</b>, Dean of Engineering and Computer Science, and Professor, Mechanical Engineering at the University of Victoria</li> <li>• <b>Dr. Senator Rosa Galvez, Ph.D., FCAE</b>, Senator, Senate of Canada</li> <li>• <b>Dr. Alan Winter, Ph.D., FCAE</b>, President at Wintek Consulting Inc. and Adjunct Professor at the University of Victoria, Former BC Innovation Commissioner at the BC Provincial Government</li> <li>• <b>The Honourable Bowinn Ma</b>, British Columbia's Minister of Emergency Management and Climate Readiness</li> </ul>
10:30am – 10:45am	Break – <b>Spirit Foyer</b>
10:45am – 11:30am	<p>Panel Discussion on Resilient Building</p> <ul style="list-style-type: none"> <li>• <b>Mr. Andrew Pape-Salmon, P.Eng, MRM, FCAE</b>, Adjunct Professor, Department of Civil Engineering at the University of Victoria and Executive Director at BC Ministry of Emergency Management and Climate Readiness</li> <li>• <b>Ms. Christy Love, P.Eng</b>, CPHC – Principal, Senior Project Engineer at RDH Building Science Inc.</li> </ul>

11:30am - 12:00pm	<p>CAE Programs - Update</p> <ul style="list-style-type: none"> <li>• <b>Dr. Robert Crawhall, Ph.D., P.Eng, PMP, ICD.D, FCAE</b>, Executive Director at the Canadian Academy of Engineering</li> <li>• <b>Dr. Soheil Asgarpour, Ph.D., P.Eng, FCIM, FCSSE, FCAE</b>, President of CAE and President and CEO at PTAC</li> <li>• <b>Dr. Oskar Sigvaldason, Ph.D., P.Eng, FCAE</b>, Chair of the CAE Future of Engineering Committee</li> </ul>
12:00pm - 1:00pm	Networking Luncheon – <b>Terrace Ballroom</b>
1:00pm - 2:30pm	<p>Panel on Fusion and Fission Energy</p> <ul style="list-style-type: none"> <li>• <b>Dr. Axel Meisen, C.M., Ph.D., P.Eng, EurIng, FCAE, FCIC</b>, President at Fusion Energy Council of Canada and Professor Emeritus at the University of British Columbia</li> <li>• <b>Dr. Michel Laberge, Ph.D.</b>, Founder and Chief Scientist at General Fusion Inc.</li> <li>• <b>Dr. Bibake Uppal, Ph.D.</b>, Business Development Manager, Kyoto Fusioneering Ltd.</li> <li>• <b>Dr. Igor Pioro, Ph.D., P.Eng, FASME, CSME, EIC, FCAE</b>, Professor, Faculty of Engineering and Applied Science at OntarioTech</li> </ul>
2:30pm – 2:45pm	Break – <b>Spirit Foyer</b>
2:45pm – 3:45pm	<p>Panel Discussion on Equity, Diversity, and Inclusion in Engineering</p> <ul style="list-style-type: none"> <li>• <b>Dr. Elizabeth Croft, Ph.D., P.Eng, FEC, FSAME, FTSE, FCAE</b>, Vice President, Academic and Provost at the University of Victoria</li> <li>• <b>Dr. Laleh Behjat, Ph.D., P.Eng, FCAE</b>, NSERC Chair for Women in Science and Engineering (Prairie Region)</li> <li>• <b>Ms. Karen Savage, P.Eng. FEC, FCAE</b>, President at Horizon Engineering Inc.</li> <li>• <b>Ms. Jessica Vandenberghe, P.Eng, MSc, FEC, FGC(Hon)</b>, Assistant Dean, Community and Culture the University of Victoria</li> <li>• <b>Dr. Kevin Hall, BSc., MSc, Ph.D., FRSN, MAICD, FCAE</b>, President and Vice-Chancellor at the University of Victoria</li> </ul>
3:45pm – 5:00pm	<p>Panel Discussion on Clean Energy Pathways</p> <ul style="list-style-type: none"> <li>• <b>Dr. David Wilkinson, Ph.D., P.Eng, C.M., FRSC, FCIC, FEIC, FCAE</b>, Professor and Canada Research Chair, Department of Chemical and Biological Engineering at the University of British Columbia</li> <li>• <b>Dr. Rosa Galvez, Ph.D., FCAE</b>, Senator at the Senate of Canada</li> <li>• <b>Dr. Brad Buckham, Ph.D., P.Eng</b>, Professor, Department of Mechanical Engineering at the University of Victoria</li> <li>• <b>Mr. Mark Warren, BAsC, MBA</b>, Director, Business Innovation and Measurement at FortisBC</li> </ul>
<b>Gala Dinner and Fellow Induction Ceremony</b>	
5:45pm - 6:30pm	Reception – <b>Terrace Patio</b>
6:45pm - 9:30pm	Gala Dinner and Induction Ceremony – <b>Terrace Ballroom</b>

8:00am - 8:45am	Networking Breakfast – <b>Terrace Ballroom</b>
8:45am - 9:45am	<p>Panel Discussion on Future Networks for Ubiquitous Intelligence</p> <ul style="list-style-type: none"> <li>• <b>Dr. Robert Crawhall, Ph.D., P.Eng, PMP, ICD.D, FCAE</b>, Executive Director at the Canadian Academy of Engineering</li> <li>• <b>Dr. Lin Cai, P.Eng, FEIC, FIEEE, RSC College Member, NSERC Steacie Fellow, FCAE</b>, Professor, Department of Electrical and Computer Engineering at the University of Victoria</li> <li>• <b>Dr. Song Guo, Ph.D., FIEEE, FCAE</b>, Changjiang Chair Professor, Department of Computing at the Hong Kong Polytechnic University</li> <li>• <b>Dr. Alberto Leon-Garcia, Ph.D., FCAE</b>, Professor, Department of Electrical and Computer Engineering at the University of Toronto</li> </ul>
9:45am - 10:45am	<p>Panel Discussion on Electric Grids</p> <ul style="list-style-type: none"> <li>• <b>Mr. Guy van Uytven, MBA, M.Eng, FCAE</b>, Power Systems Consultant for the African Development Bank, Nairobi Kenya</li> <li>• <b>Mr. Ken Putt, P.Eng, FCAE, FCSSE, FEC, FEIC, FGC</b>, Independent Director at PTAC</li> </ul>
10:45am - 11:00am	Break – <b>Spirit Foyer</b>
11:00am - 12:00pm	<p>Panel Discussion on Infrastructure Project Management</p> <ul style="list-style-type: none"> <li>• <b>Mr. Colin Smith, M.S., MBA, FEC, P.Eng, FCAE</b></li> <li>• <b>Dr. Yves Beauchamp, C.M., C.Q., Ph.D., P.Eng, FCAE</b>, Vice Principal Administration and Finances at McGill University</li> <li>• <b>Dr. Thomas Froese, Ph.D.</b>, Honorary Affiliate Professor, Department of Civil Engineering at the University of Victoria</li> <li>• <b>Mr. Jesse Unke, P.Eng., PE, PMP, ENV SP, CCIP</b>, Vice President, Canada at COWI</li> </ul>
12:00pm - 1:00pm	Networking Luncheon – <b>Terrace Ballroom</b>
1:00pm – 1:45:pm	<p>Panel Discussion on Engineering Capacity for the Energy Transition</p> <ul style="list-style-type: none"> <li>• <b>Dr. Kevin Hall, BSc, MSc, Ph.D., FRNS, MAICD, FCAE</b>, President and Vice Chancellor at the University of Victoria</li> <li>• <b>Dr. Robert Crawhall, Ph.D., P.Eng, PMP, ICD.D, FCAE</b>, Executive Director at the Canadian Academy of Engineering</li> <li>• <b>Ms. Heather Kennedy P.Eng, FCAE</b>, Corporate Director/Former Energy Executive</li> </ul>
1:45pm – 1:55pm	Break – <b>Spirit Foyer</b>
2:00pm - 3:45pm	<p>Panel Discussion on Forestry</p> <ul style="list-style-type: none"> <li>• <b>Dr. Ron Crotogino, Ph.D., FCAE</b>, Retired</li> <li>• <b>Mr. Bill Adams, BAsC, Meng, MBA, FCAE</b>, Vice President, Sustainability &amp; Innovation at Mercer International</li> <li>• <b>Dr. Richard Berry, Ph.D., FCAE</b>, Chief Technology Officer (retired) at CelluForce</li> <li>• <b>Dr. Tom Browne, Ph.D., FCAE</b>, Principal at Tom Browne and Associates</li> <li>• <b>Dr. Ian de la Roche, Ph.D.</b>, Adjunct Professor at the University of British Columbia and Owner at Delaroché Consultancy</li> </ul>
3:45pm – 4:00pm	<p>Closing Remarks – <b>Spirit Room</b></p> <ul style="list-style-type: none"> <li>• <b>Dr. Mina Hoorfar, BAsC, MASc, Ph.D., P.Eng, FCAE</b></li> </ul>

