

The Canadian  
Academy of  
Engineering



L'Académie  
canadienne  
du génie

2023 CAE Program

June 19 – 21, 2023

Victoria, BC

## June 19, 2023

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

## June 20, 2023

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| 8:00am - 8:45am   | Networking Breakfast  |
| 8:50am - 9:10am   | Welcome and Land Acknowledgment   |
| 9:10am - 10:30am  | <p>Keynote Speakers and Dignitaries</p> <ul style="list-style-type: none"><li>• <b>Dr. Alan Winter, Ph.D., FCAE</b>, President at Winteck 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   |
| 10:45am - 11:30am | <p>Panel Discussion on Resilient Building</p> <ul style="list-style-type: none"><li>• <b>Andrew Pape-Salmon, P.Eng., MRM, FCAE</b>, Commissioner at British Columbia Utilities Commission</li><li>• <b>Christy Love, P.Eng.</b>, CPHC – Principal, Senior Project Engineer at RDH Building Science Inc.</li></ul>   |

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| 11:30am - 12:00pm                | <b>CAE Programs - Update</b> <ul style="list-style-type: none"> <li>• <b>Dr. Robert Crawhall, PhD, P.Eng., PMP, ICD.D, FCAE</b>, Executive Director at the Canadian Academy of Engineering</li> <li>• <b>Dr. Soheil Asgarpour, PhD, P.Eng, FCIM, FCAE, CAE</b>, President of CAE and President and CEO at PTAC</li> <li>• <b>Dr. Oskar Sigvaldason, PhD, P.Eng.</b>, Project Manager at Trottier Energy Futures Project and Owner &amp; President at SCMS Global</li> </ul>   |
| 12:00pm - 1:00pm                 | Networking Luncheon   |
| 1:00pm - 2:30pm                  | Panel Discussion on Fusion and Fission Energy <ul style="list-style-type: none"> <li>• <b>Dr. Axel Meisen, C.M., PhD, P.Eng., Eurling, 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, PhD</b>, Founder and Chief Scientist at General Fusion</li> <li>• <b>Dr. Igor Pioro, PhD, P.Eng., FCAE, FASME, CSME, EIC</b>, Professor, Faculty of Engineering and Applied Science at OntarioTech</li> </ul>  |
| 2:30pm - 2:45pm                  | Break   |
| 2:45pm - 3:45pm                  | Panel Discussion on Equity, Diversification, and Inclusion in Engineering <ul style="list-style-type: none"> <li>• <b>Dr. Elizabeth Croft, PhD, P.Eng., FEC, FSAME, FCAE, FTSE</b>, Vice President, Academic and Provost at the University of Victoria</li> <li>• <b>Dr. Laleh Behjat, PhD, P.Eng.</b>, NSERC Chair for Women in Science and Engineering (Prairie Region)</li> <li>• <b>Karen Savage, P.Eng., FEC</b>, President at Horizon Engineering Inc.</li> <li>• <b>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, PhD, FRSN, MAICD</b>, President and Vice-Chancellor at the University of Victoria</li> </ul> |
| 3:45pm - 4:30pm                  | Panel Discussion on Clean Energy Pathways <ul style="list-style-type: none"> <li>• <b>Dr. David Wilkinson, PhD, P.Eng., C.M., FCAE, FRSC, FCIC, FEIC.</b>, Professor and Canada Research Chair, Chemical and Biological Engineering at the University of British Columbia</li> <li>• <b>Dr. Mina Hoorfar, BAsC, MASc, PhD, P.Eng.</b>, Dean of Engineering and Computer Sciences, Professor of Mechanical Engineering at University of Victoria</li> </ul>  |
| <b>Gala and Induction Dinner</b> |   |
| 6:00pm - 6:45pm                  | Reception   |
| 6:45pm - 9:30pm                  | Gala Dinner – Welcome Address from <b>Senator Rosa Galvez</b>   |

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| 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"> <li>• <b>Dr. Robert Crawhall, PhD, P.Eng., PMP, ICD.D, FCAE</b>, Executive Director at the Canadian Academy of Engineering</li> <li>• <b>Dr. Alberto Leon-Garcia, PhD., FCAE</b>, Professor, Department of Electrical and Computer Engineering at the University of Toronto</li> <li>• <b>Dr. Song Guo, FIEEE, FCAE</b>, Changjiang Chair Professor, Department of Computing at the Hong Kong Polytechnic University</li> <li>• <b>Dr. Lin Cai, P.Eng., FEIC, FIEEE, RSC College Member, NSERC Steacie Fellow</b>, Professor, Department of Electrical and Computer Engineering at the University of Victoria</li> </ul> |
| 9:45am - 10:45am  | <p>Panel Discussion on Electric Grids</p> <ul style="list-style-type: none"> <li>• <b>Guy van Uytven, MBA, M.Eng.</b>, Power Systems Consultant for the African Development Bank, Nairobi Kenya</li> <li>• <b>Ken Putt, P.Eng., FCAE, FCSSE, FEC, FEIC, FGC</b>, Independent Director at PTAC</li> <li>• Other panelist to be confirmed</li> </ul>   |
| 10:45am - 11:00am | Break  |
| 11:00am - 12:00pm | <p>Panel Discussion on Infrastructure Projects</p> <ul style="list-style-type: none"> <li>• <b>Colin Smith, M.S., MBA, FEC, P.Eng., FCAE</b></li> <li>• <b>Catherine Karakatsanis, M.E.Sc., P.Eng., FCAE, FEC, ICD.D</b>, President Elect of the Academy and Chief Operating Officer at Morrison Hershfield Group Inc.</li> <li>• <b>Dr. Soheil Asgarpour, PhD, P.Eng, FCIM, FCAE, CAE</b>, President of CAE and President and CEO at PTAC</li> <li>• <b>Dr. Yves Beauchamp, C.M., C.Q., PhD, P.Eng., FCAE</b>, Vice Principal Administration and Finances at McGill University</li> </ul>   |
| 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"> <li>• <b>Dr. Ron Crotagino, PhD., FCAE</b>, President &amp; CEO at ArboraNano</li> <li>• <b>Dr. Richard Berry, PhD.</b>, Chief Technology Officer (retired) at CelluForce</li> <li>• <b>Dr. Ian de la Roche, PhD.</b>, Owner at Delaroche Consultancy</li> <li>• <b>Bill Adams, BAsC, Meng, MBA, FCAE</b>, Vice President, Sustainability &amp; Innovation at Mercer International</li> <li>• <b>Dr. Tom Browne, PhD., FCAE</b>, Principal at Tom Browne and Associates</li> </ul>  |

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| <b>3:45pm -<br/>4:00pm</b> | Closing Remarks |
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