

## **CAFES – Thursday, November 3 – The Westin Calgary (320 4<sup>th</sup> Avenue SW)**

7:00 – 8:15 am

**Registration and Breakfast** (continental) – *West Foyer and Mayfair / West End Rooms*

8:15 – 8:35 am

**Welcome and Opening Comments – Mayfair / West End Rooms**

- *David Layzell, Conference chair (ISEEE Executive Director and Professor, University of Calgary)*
- *Ed McCauley, (Vice President Research, University of Calgary)*

8:35 – 10:10 am

**Opening Keynote: Learning from Past Energy System Transformations – Mayfair / West End Rooms**

- *Moderator: Marc D'Iorio (Director General, Office of Energy Research and Development, Natural Resources Canada)*
- *Speaker: Arnulf Grubler (Senior Research Scholar, International Institute for Applied Systems Analysis, Austria)*
- *First Responder: Bob Oliver (Chief Executive Officer, Pollution Probe)*
- *Second Responder: Dave Hassan (Team Leader, Environmental Energy Investments, Cenovus Energy Inc.)*

10:10 – 10:40 am

**Networking break – West Foyer**

10:40 am – 12:20 pm

**Managing Carbon Emissions from Fossil Fuels – Mayfair / West End Rooms**

- *Moderator: Steve Larter (Professor, Canada Research Chair in Petroleum Geology and ISEEE Fellow, University of Calgary)*
- *Speaker: David Keith (Professor, Harvard University & ISEEE Visiting Fellow)*
- *First Responder: TBC*
- *Second Responder: Paul Clark (President, VisionGain Consulting Inc.)*
- *Third Responder: Stephen Kaufman (Director Climate Change Management and Solutions, Suncor Energy Inc.)*

12:20 – 1:45 pm **LUNCH** (hot buffet) – *West Foyer and Mayfair / West End Rooms*

**Lunch Keynote: Moving from Conflict to Collaborative Problem Solving**

- *Moderator: Joule Bergerson (Professor, ISEEE and Chemical & Petroleum Eng., University of Calgary)*
- *Speaker: Gordon Lambert (Vice President, Sustainable Development, Suncor Energy Inc.)*

1:45 – 2:00 pm – Break

2:00 – 4:15 pm

**Natural Gas: Transitional or Foundational Fuel for the Future? – Mayfair / West End Rooms**

- *Moderator: Chuck Szmurlo (Vice President, Alternative and Emerging Technology, Enbridge Inc.)*
- *First Speaker: Michael Economides (Professor, University of Houston, USA)*
- *Second Speaker: Tim Weiss (Director, Renewable Energy and Efficiency Policy, The Pembina Institute)*
- *First Responder: Paul Ziff (CEO, Ziff Energy Group)*
- *Second Responder: Kim Sturgess (CEO and founder, Alberta WaterSMART)*

4:15 – 4:30 pm – Break

4:30 – 6:30 pm

**Networking Opportunity & Poster Session – Bonavista Room**

- **Overview of ISEEE posters**, *David Layzell (ISEEE Executive Director, University of Calgary)*
- **Overview of University of Alberta posters**, *Amit Kumar (Associate Professor, Department of Mechanical Engineering, University of Alberta)*

6:30 – 10 pm **BANQUET DINNER** (Dinner service to start at 6:45 pm) – *Mayfair / West End Rooms*

**Dinner Keynote: A Western Canadian Perspective on Energy Systems Transformation**

- *Welcoming Remarks: Elizabeth Cannon (President, University of Calgary)*
- *Speaker: Peter Tertzakian (Chief Energy Economist and Managing Director, ARC Financial Corp.)*

## **CAFES – Friday November 4**

7:00 – 8:00 am

**Breakfast** (hot buffet) – **West Foyer and Mayfair / West End Rooms**

8:00 – 8:05 am

**Welcome and Day Announcements – Mayfair/ West End Rooms**

- *David Layzell, Conference chair (ISEEE Executive Director and Professor in Biology, University of Calgary)*

8:05 – 10:10 am

**Sustainable Cities: From Urban Design to New Fuels – Mayfair / West End Rooms**

- *Moderator: Terry Tyler (Executive Vice President, Chief Technology Officer and Chief Information Officer, ENMAX Corp.)*
- *First Speaker: Peter Droege (Professor, University of Liechtenstein)*
- *Second Speaker: Esteban Chornet (Co-founder and Chief Technology Officer, Enerkem Inc., Edmonton)*
- *First Responder: Sam Shaw (Vice President Natural Gas Policy Development, Encana Corp.)*
- *Second Responder: Nathan Armstrong (President, Motive Industries Inc.)*

10:10 – 10:40 am

**Networking Break – West Foyer**

10:40 am – 12:20 pm

**Sustainable Electricity = Sustainable Energy Future – Mayfair / West End Rooms**

- *Moderator: William Rosehart (Professor in Electrical Engineering and ISEEE Fellow, University of Calgary)*
- *Speaker: Walt Patterson (Associate Fellow, Chatham House, UK)*
- *First Responder: Duane Pendergast (Chair, AB Branch, Canadian Nuclear Society)*
- *Second Responder: Allan Offenberger (AB Canadian Fusion Energy Alliance)*
- *Third Responder: Paula McGarrigle (Managing Director, Solas Energy Consulting Inc.)*
- *Fourth Responder: Michal Moore (Professor, School of Public Policy and ISEEE Fellow, University of Calgary)*

12:20 – 1:55 pm **LUNCH** (hot buffet) – **Mayfair / West End Rooms**

**Lunch Keynote: Towards Sustainability from a Corporate Perspective**

- *Moderator: Michael Ekelund (Assistant Deputy Minister, Strategic Initiatives, Alberta Energy)*
- *Speaker: Alan Knight (Founder, Single Planet Living, UK)*

1:55 – 2:10 – Break

2:10 – 4:10 pm

**Mapping the Energy / Environment Future – Mayfair / West End Rooms**

- *Moderator: Joe Arvai (Associate Professor, Svare Chair in Applied Decision Research and ISEEE Fellow, University of Calgary)*
- *Speaker: Ralph Torrie (Project Manager, Trottier Energy Futures Project)*
- *First Responder: David Collyer (President, Canadian Association of Petroleum Producers)*
- *Second Responder: James Glave (Conversations manager, TIDEScanada Initiatives)*
- *Third Responder: Eddy Isaacs (CEO, Alberta Innovates-Energy and Environmental Solutions)*
- *Fourth Responder: Brenda Kenny (Board member CCEMC; President & CEO, Canadian Energy Pipeline Association)*

4:10 – 4:20 pm

**Closing remarks – Mayfair / West End Rooms**

- *David Layzell, Conference chair (ISEEE Executive Director and Professor, University of Calgary)*