

# DECARBONIZING ENERGY and the ENVIRONMENT

## *EnVision 2017: IESVic Energy Vision Conference*

Thursday, April 27<sup>th</sup> - Friday, April 28<sup>th</sup>, 2017

University of Victoria – Bob Wright Centre (BWC), B150

### PROGRAM

#### THURSDAY, APRIL 27

08:00	<b>REGISTRATION</b> – coffee and muffins	BWC Foyer
08:30	WELCOME – <b>Peter Wild</b> , IESVic Director OPENING REMARKS – <b>Oliver Schmidtke</b> , Acting Associate VP Research, UVic GOALS FOR THE CONFERENCE – <b>Ged McLean</b> , Director - Strategic Planning, IESVic	BWC B150
08:45	<b>Global context for decarbonization</b> <b>Jeffrey Simpson</b> , Canada's leading national affairs correspondent	
10:15	<b>BREAK</b>	BWC Foyer
10:45	<b>The electric city in a zero carbon world</b> Moderator - <b>Chris Kennedy</b> , Past President, <i>International Society for Industrial Ecology</i> Panelists: <b>Matt Horne</b> , <i>City of Vancouver</i> ; <b>David Bristow</b> , <i>UVic Civil Engineering</i> , <b>Ralph Evins</b> , <i>UVic, Civil Engineering</i> , <b>Phalguni Mukhopadhyaya</b> , <i>UVic Civil Engineering</i>	
11:45	<b>Wave Energy: British Columbia's Competitive Advantage,</b> <b>Bryson Robertson</b> , <i>IESVic, West Coast Wave Initiative, Pacific Institute for Climate Solutions</i>	
11:55	<b>3 minute networking presentations</b> (all conference attendees) Moderator – <b>Peter Wild</b>	
12:15	<b>LUNCH – POSTER SESSION</b>	BWC Foyer
13:30	<b>Finding new business opportunities in climate solutions</b> <b>Chris Reid</b> , CEO, <i>Institute for Breakthrough Energy Technologies</i>	
14:00	<b>Captured carbon as feedstock for synthetic materials</b> <b>Brant Peppley</b> , Director, <i>Sustainable Energy Engineering Queen's University Labs</i>	
14:30	<b>BREAK</b>	BWC Foyer
15:00	<b>News about mitigation and adaptation efforts from the world of behavioural science</b> <b>Robert Gifford</b> , Professor, <i>UVic Psychology and Environmental Studies</i>	
15:45	<b>Decarbonizing Transportation: Industry panel discussion</b> Moderator - <b>Curran Crawford</b> , <i>UVic, Mechanical Engineering</i> Panelists: <b>Ted Dowling</b> , VP, <i>BYD Heavy Industries</i> ; <b>Todd Litman</b> , <i>Victoria Transport Policy Institute</i> ; <b>Kevin Anderson</b> , <i>Seaspan – Vancouver Shipyards</i>	
16:45	<b>TRANSITION TO UNIVERSITY CLUB</b>	
17:00	<b>RECEPTION</b> (cash bar) – Fireside Lounge, <b>University Club</b> Sponsored by Faculty of Engineering	
18:30	<b>BANQUET</b> - Dining room, <b>University Club</b> <b>The future of hydrocarbon fuels in a zero carbon energy system</b> <b>Julio Friedmann</b> , <i>Lawrence Livermore National Laboratory, US DOE</i>	

# PROGRAM

FRIDAY, APRIL 28

08:00	<b>REGISTRATION</b> – coffee and muffins	BWC Foyer
08:30	INTRODUCTIONS – <b>Peter Wild</b> , IESVic Director	BWC B150
08:45	<b>Negative emissions technologies</b> <b>Adrian Corless</b> , CEO, <i>Carbon Engineering, Inc.</i> <b>Julio Friedmann</b> , <i>Lawrence Livermore National Laboratory, US DOE</i> <b>James Wells</b> , <i>Evok Innovations</i>	
10:00	<b>BREAK</b>	BWC Foyer
10:30	<b>Engineering the climate: opportunities, risks, and governance</b> <b>Edward A. Parson</b> , Director, <i>Emmett Inst. on Climate Change and Environment, UCLA</i>	
11:45	<b>3 minute networking presentations</b> (all conference attendees) Moderator – <b>Peter Wild</b> , IESVic Director	
12:15	<b>LUNCH – POSTER SESSION</b>	BWC Foyer
13:30	<b>The role of forests and forest products in decarbonization</b> <b>Werner Kurz</b> , Senior research scientist, <i>Canadian Forest Service</i>	
14:15	<b>Climate Action: how Canada is responding to its Paris commitments</b> <b>Stephanie Cairns</b> , Principal, <i>Wrangellia Consulting</i>	
15:00	<b>BREAK</b>	BWC Foyer
15:30	<b>Pathways to a decarbonized 2060</b> Moderator - <b>Andrew Rowe</b> , Professor, <i>Mechanical Engineering</i> Panelists: <b>Bryson Robertson</b> , 2060 Project Coordinator; <b>Ben Lyseng</b> , <b>Kevin Palmer-Wilson</b> , <b>Taco Niet</b> , <b>James Donald</b> – <i>PhD Candidates</i>	
16:30	<b>FINAL STATEMENTS</b> , <b>Sushanta Mitra</b> , Associate VP Research, <i>York University</i>	
16:45	<b>CONFERENCE ENDS</b>	

## SPONSORS

