

Program

Updated June 10, 2015

Tuesday, June 9

19:00-22:00	Welcome Reception <i>Sage Bistro</i>
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Wednesday, June 10, Morning

9:00-10:45	Opening Ceremony <i>Longhouse</i>
9:00-9:45	Welcome and Announcements <i>Susan Nesbit and Thomas Froese (Conf. Co-Chairs), Linc Kesler (Director of the UBC First Nations House of Learning and Special Advisor to the UBC president on Aboriginal Affairs), James Tansey (UBC Sustainability Initiative Associate Director), Elizabeth Croft (Associate Dean, UBC Applied Science)</i>
9:45-10:45	Keynote Presentation: Jim Cooney, McGill University
10:45-11:15	Break <i>Allard Hall Foyer</i>

Wednesday, June 10, Morning

11:15-12:15	Parallel Sessions				
	Session 1: Global Engineering 1 <i>Allard Hall 104</i> Chair: Dr. Heather Cruickshank	Session 2: Developing and Assessing Formal and Informal Programmes 1 <i>Allard Hall 106</i> Chair: Dr. Naoko Ellis	Session 3: Assessing Student Performance <i>Allard Hall 121</i> Chair: Dr. Mariano Savelski	Session 4: Course or Module Design 1 <i>Allard Hall 122</i> Chair: Dr. Edmond Byrne	<u>Workshop 3.1: SCLA Part 1</u> <i>Allard Hall 123</i> Bernard Mazijn, Institute for Sustainable Development, Bruges)
11:15-11:30	A new program in Sustainable Engineering: a platform for integrating research and service into the classroom through global engagement. (<i>paper 106, abstract</i>) <i>Rachel Brennan*, Penn State University; David Riley, Penn State University</i>	Developing Integrated Science, Technology, Engineering And Mathematics (STEM) Projects In Education (<i>paper 41, abstract</i>) <i>Isha DeCoito* (Western University)*</i>	Developing “Global Preparedness Efficacy” – a metric to evaluate preparedness of engineering students to work with underserved communities globally (<i>paper 102, abstract</i>) <i>Bhavna Hariharan*, Stanford University; Sneha Ayyagari, Stanford University</i>	Dynamic Perception of Sustainability in Engineering Students in a Mexican Public Higher Education Institution (<i>paper 7, abstract</i>) <i>Margarita Juarez-Najera*, Universidad Autonoma Metropoli; Gustavo De la Riva, Irapuato Institute of Technology; Efren Hernandez, Irapuato Institute of Technology; cristina Espinosa, CECYTEG Plantel Irapuato 3</i>	
11:30-11:45	Sustainable Development for Engineers Through a Thematic Restructuring of Experiential Learning (<i>paper 109, abstract</i>) <i>Paul Winkelman*, UBC; Jason Penner, CBEL, UBC; Ara Beittoei, UBC</i>	Embedding Sustainability Principles into Engineering Education (<i>paper 115, abstract</i>) <i>Danielle Salvatore*, UBC; Naoko Ellis, University of British Columbia; Susan Nesbit, UBC; Peter Ostafichuk ,</i>	Engaging Alumni in EESD Curriculum Assessment (<i>paper 113, abstract</i>) <i>Negar Roghanian*, UBC; Susan Nesbit, UBC; James Edward Sibley, UBC</i>	Systems thinking for dealing with wicked sustainability problems: beyond functionalist approaches (<i>paper 33, abstract</i>) <i>Johanna Lönnngren*, Chalmers University of Technol; Magdalena Svanström, Chalmers University of Technology</i>	
11:45-12:00	Integrating Sustainability Concepts into Construction Engineering Education through Service Learning Projects (<i>paper 12, abstract</i>) <i>Thomas Korman*, Cal Poly State University, SLO</i>	Development of a Sustainable Engineering Masters Program: the path taken and lessons learned (<i>paper 57, abstract</i>) <i>Brian Thorn*, Rochester Institute of Technol; Andres Carrano, Auburn University</i>	Multidimensional sustainability assessment of solar products: educating engineers and designers (<i>paper 127, abstract</i>) <i>Bas Flipsen*, TU Delft; Conny Bakker, Delft University of Technology; Martin Verwaal, Delft University of Technology</i>	Design and Early Development of a MOOK on “Sustainability in Everyday Life”: Role of the Teachers (<i>paper 19, abstract</i>) <i>Matty Janssen, Energy and Environment, Chalmers; Anna Nystrom Claesson*, Chalmers University of Technol; Maria Lindqvist, Energy and Environment, Chalmers</i>	
12:00-12:15	Q&As and Discussion	Q&As and Discussion	Q&As and Discussion	Q&As and Discussion	
12:15-13:15	Lunch <i>Allard Hall Foyer</i>				

Wednesday, June 10, Afternoon

13:15-14:30						UBC Sustainability Tours											
14:30-15:30						Plenary Session <i>Franklin Lew Forum</i>											
Keynote Presentation: Cynthia Atman, University of Washington																	
15:30-16:00						Break <i>Allard Hall Foyer</i>											
16:00-17:30												Parallel Sessions					
Session 1: Global Engineering 2 <i>Allard Hall 104</i> <i>Chair: Dr. Juan Lucena</i>		Session 2: Developing and Assessing Formal and Informal Programmes 2 <i>Allard Hall 106</i> <i>Chair: Dr. Karel Mulder</i>		Session 3: Change Agency <i>Allard Hall 121</i> <i>Chair: Dr. Richard Fenner</i>		Workshop 2: SD and Environmental Ethics <i>Allard Hall 111</i> <i>Kees Vromans, Dept of Env. Studies, HAS Den Bosch University</i>		Workshop 3.2: SCLA Part 2 <i>Allard Hall 123</i> <i>Bernard Mazjin, Institute for Sustainable Development, Bruges</i>									
16:00-16:15		A Two Course Sequence on Developing Sustainable Technologies and Business Models for Rural Nicaraguans (<i>paper 30, abstract</i>) <i>Pritpal Singh*, Villanova University; Maria Virginia Moncada, UNI; James Klingler, Villanova University</i>		Scaling Support for Teaching Sustainability: Reflections, Barriers, and Opportunities (<i>paper 91, abstract</i>) <i>Alexander Dale*, Engineers for a Sust. World; Richard House, Rose-Hulman Institute of Technology; Sarah Brownell, Rochester Institute of Technology; Robert Best, Engineers for a Sustainable World; Justin Hess, Engineers for a Sust. World</i>		Developing change agency for sustainable development – experiences from a new chemical engineering course (<i>paper 64, abstract</i>) <i>Magdalena Svanström*, Chalmers University of Technology</i>											
16:15-16:30		MIT IDEAS Global Challenge and DLab – Lessons in Mentoring, Service Learning and Real World Engineering (<i>paper 99, abstract</i>) <i>Susan Murcott*, MIT</i>		Embedding Sustainability In The Curriculum At The Engineering School Of The University Of Chile (<i>paper 136, abstract</i>) <i>Luis Vargas (University of Chile) Claudia Mac-Lean* (University of Chile)*</i>		Do the big sustainability challenges lie in the economic and social domains and does engineering education need to engage more with these? (<i>paper 14, abstract</i>) <i>John Fitzpatrick*, University College Cork</i>											
16:30-16:45		Leveraging Networks: Online Network Based Learning for 21st Century Engineering Education and Practice (<i>paper 117, abstract</i>) <i>Alexandra Meikleham*, Global Engineering Initiative; Patrick Miller, Engineers without Borders; Deborah Dysart-Gale, Concordia University; Govind Gopakumar, Concordia University</i>		What do Programme Chairs think about the Integration of Sustainable Development in their programmes? (<i>paper 10, abstract</i>) <i>Iacovos Nicolaou*, Dublin Institute of Technology; Eddie Conlon, Dublin Institute of Technology</i>		Harnessing sustainability complexity: A strategy to incorporate social factors into engineering education (<i>paper 81, abstract</i>) <i>Stelvia Matos*, Simon Fraser University; Olga Petrov, Department of Chemical and Biological Engineering – UBC</i>											
16:45-17:00		Developing Role Models for engineering and sustainable development: EWB's Global Engineering Certificate (<i>paper 119, abstract</i>) <i>Jessica Lam*, Engineers without Borders; Patrick Miller, Engineers without Borders; Fraser Mah, Engineers without Borders Canada</i>		Developing systems thinking for sustainable development in engineering education (<i>paper 73, abstract</i>) <i>Anna Nystrom Claesson*, Chalmers University of Technol; Magdalena Svanström, Chalmers University of Technology</i>		Maintaining Entropy: Developing Skills To Help Graduate Sustainable Engineers Lead Change (<i>paper 21, abstract</i>) <i>Heather Cruickshank* (University of Cambridge)* Charles Ainger (University of Cambridge) Richard Fenner (University of Cambridge) Peter Harding (University of Cambridge) s Owen (Cambridge University)</i>											
17:00-17:30		Evolution of the Humanitarian Engineering Program at ASU (<i>paper 132, abstract</i>) <i>B.L. Ramakrishna*, Arizona State University; Bradley Rogers, Arizona State University; Mark Henderson, Arizona State University.</i>		Q&As and Discussion		Q&As and Discussion											
		Q&As and Discussion															

Wednesday, June 10, Evening

18:00-22:30	Conference Banquet
18:00-19:30	Reception <i>UBC Museum of Anthropology</i>
19:30-20:15	Guided Tours of Museum <i>UBC Museum of Anthropology</i>
20:15-22:30	Dinner <i>Sage Bistro</i>

Thursday, June 11, Morning

9:00-10:30		Parallel Sessions			
	Session 1: Leveraging Design Projects/Courses <i>Allard Hall 104</i> Chair: Dr. Fredrik Grondahl	Session 2: Comparing Programmes 1 <i>Allard Hall 105</i> Chair: Dr. Mariano Savelski	Session 3: Course or Module Design 2 <i>Allard Hall 106</i> Chair: Dr. Thomas Froese	Workshop 6.1: Back-Casting Part 1 <i>Allard Hall 121</i> Jordi Segalas, UPV – Barcelona Tech; Magdalena Svanstrom, Chalmers University; Olga Kordas, KTH; Karel Mulder, Delft University	Workshop 5.1: Teaching Sustainability to Engineers in 5 Steps, Part 1 <i>Allard Hall 122</i> Tatiana Vakhitova, Granta Design, Cambridge, UK
9:00-9:15	Injecting Sustainability into Engineering Design Projects (<i>paper 35, abstract</i>) <i>Libby Osgood*, University of Prince Edward Is; Wayne Peters, UPEI; Steve Champion, UPEI</i>	Mining Engineering Education and Research for Sustainable Mining: Canadian and Australian Perspectives. (<i>paper 128, abstract</i>) <i>Malcolm Scoble* (UBC Mining Engineering)* David Laurence (University of New South Wales)</i>	A Course in Sustainable Manufacturing (<i>paper 42, abstract</i>) <i>Young Moon*, Syracuse University</i>		
9:15-9:30	Cultivating the O-Shaped Engineer (<i>paper 85, abstract</i>) <i>Clare Brass*, Royal College of Art</i>	Emerging Undergraduate Sustainable Energy Engineering Programs in Canada and Beyond: A review and analytic comparison (<i>paper 59, abstract</i>) <i>Madeleine McPherson*, University of Toronto; Bryan Karney, University of Toronto</i>	The Fundamentals and Practice of Essentials of Application Engineering Concept (1) (<i>paper 52, abstract</i>) <i>Constantin Pitis*, BC Hydro</i>		
9:30-9:45	Navigating Sustainable Transitions Considering Uncertainties and Changing Goals/Means (<i>paper 78, abstract</i>) <i>Ulrik Jorgensen*, Aalborg University</i>	What do we say we teach about energy? Viewed through the lens of UK architecture undergraduate education (<i>paper 74, abstract</i>) <i>Sonja Oliveira*, UWE; Elena Marco, UWE; Bill Gething, UWE</i>	Using Essentials of Application Engineering Concept for Designing Industrial System Drives (2) (<i>paper 60, abstract</i>) <i>Constantin Pitis*, BC Hydro</i>		
9:45-10:00	Are Finns Walking the Talk? Examining the National Collaboration Process on Engineering Education for Sustainable Development Five Years Later (<i>paper 90, abstract</i>) <i>Annina Takala*, Tampere University of Technology; Kati Korhonen-Yrjänheikki, The Education Fund, Finland</i>	Engaging with sustainability through collaborative and transdisciplinary approaches to education (<i>paper 29, abstract</i>) <i>Edmond Byrne*, University College Cork; Gerard Mullally, University College Cork</i>	Integration of Green Design and Manufacturing for Sustainability in Undergraduate Engineering Curriculum (<i>paper 43, abstract</i>) <i>Nand Jha*, Manhattan College</i>		
	Q&As and Discussion	Q&As and Discussion	Q&As and Discussion		
10:30-11:00	Refreshment Break <i>Allard Hall Foyer</i>				

Thursday, June 11, Morning

11:00-12:00		Parallel Sessions			
	Session 1: Sustainability in First Year <i>Allard Hall 104</i> Chair: Dr. Heather Cruickshank	Session 2: Course or Module Design 3 <i>Allard Hall 105</i> Chair: Dr. Bernard Mazijn	<u>Workshop 1: CSR and SD: Exploring Opportunities in Engineering Education</u> <i>Allard Hall 106</i>	<u>Workshop 6.2: Back-Casting Part 2</u> <i>Allard Hall 121</i>	<u>Workshop 5.2: Teaching Sustainability to Engineers in 5 Steps, Part 2</u> <i>Allard Hall 122</i>
11:00-11:15	An Edible Education in Sustainable Development: Investigating Chocolate Manufacturing in a Laboratory-Based Undergraduate Engineering Course (<i>paper 38</i> , abstract) <i>Alexander Struck Jannini, Rowan University; Christian Wisniewski, Rowan University; Mary Staehle, Rowan University; Joseph Stanzione III, Rowan University; Mariano Savelski*, Rowan University</i>	Energy and the Environment: Development of a sustainable education course (<i>paper 18</i> , abstract) <i>Alandra Kahl*, Penn State Greater Allegheny</i>	<i>Nicole Smith, Colorado School of Mines, and Jessica Smith, Colorado School of Mines</i>	<i>Jordi Segalas Core, Universitat Politècnica de Catalunya – Barcelona Tech; Magdalena Svanstrom, Chalmers University; Olga Kordas, KTH; Karel Mulder, Delft University</i>	<i>Tatiana Vakhitova, Granta Design; Claes Fredriksson, Granta Design, Cambridge, U.K.</i>
11:15-11:30	An Intersectional Approach to Understanding Underrepresented Students' Sustainability Goals (<i>paper 82</i> , abstract) <i>Allison Godwin*, Purdue University; Leidy Klotz, Clemson University</i>	Integration of research and education “applied ecology” a practical approach – a case study from KTH, Sweden. (<i>paper 48</i> , abstract) <i>Fredrik Gröndahl*, Royal Institute of Technology</i>			
11:30-11:45	What do Sustaining Life and Sustainable Engineering have in Common? (<i>paper 98</i> , abstract) <i>Thomas Siller*, Colorado State University; Gerry Johnson, Colorado State University; Wade Troxell, Colorado State University</i>	Incorporating behaviour change concepts into energy management training in professional and post-secondary programs (<i>paper 108</i> , abstract) <i>Eric Mazzi*, New York Institute of Technology; Barney Capehart, University of Florida; Mathieu Côte, Canadian Institute for Energy Training; Kady Cowan, University Health Network; Stephen Dixon, TdS Dixon Inc; Dragos Paraschiv, Exergy Associates; Edward Rubinstein, University Health Network; Iris Sulyma, Research for Results; Steven Taylor, MMM Group; and Ken Tiedemann, BC Hydro</i>			
11:45-12:00	Q&As and Discussion	Q&As and Discussion			
12:00-13:00	Lunch <i>Allard Hall Foyer</i>				

Thursday, June 11, Afternoon

13:00-18:30	<p align="center">Stakeholder Dialogue Convened in Partnership with the Engineering Leadership Council <i>Downtown Vancouver</i></p>
13:00	<p align="center">Departure by Bus from Gage to UBC Robson Square Campus, Downtown Vancouver</p>
14:00-15:30	<p align="center">Stakeholder Dialogue, Part 1 <i>UBC Robson Square Campus, Dialogue Room</i></p>
15:30-16:00	<p align="center">Refreshment Break <i>Robson Square Foyer</i></p>
16:00-17:30	<p align="center">Stakeholder Dialogue, Part 2 <i>UBC Robson Square Campus, Dialogue Room</i></p>
17:30-18:30	<p align="center">Dialogue Reception <i>Robson Square Foyer</i></p>
19:30-21:30	<p align="center">Dine-Out Vancouver <i>Dinner on own (in small groups of conference delegates and stakeholder guests) at local restaurants, various locations, downtown Vancouver</i></p>
22:00	<p align="center">Departure by Bus from UBC Robson Square to Gage at UBC Main Campus</p>

Friday, June 12, Morning

9:00-10:00	Parallel Sessions			
	Session 1: Social Entrepreneurship and Innovation Allard Hall 104 Chair: Dr. Fredrik Grondahl	Session 2: Working with Others 1 Allard Hall 106 Chair: Dr. Juan Lucena	Session 3: Student Poster Session Allard Hall 122 Chair: Dr. Patricia Keen	
9:00-9:15	Real World Research in Product Evaluation and Sustainable Development to Reach Scale (<i>paper 101, abstract</i>) Susan Murcott*, MIT; Jeff Asher, Retired V.P and Technical Director of Consumer Reports; Dan Frey, MIT; Jarrod Goentzel, MIT; Jennifer Green, MIT; Bishwapriya Sanyal, MIT	Engineering Sustainability Markets: Why T-Shaped Engineers Need Communication Design (<i>paper 77, abstract</i>) Alan Young*, AUT University	Student Posters	
9:15-9:30	The Needs of Others: Social Entrepreneurship versus the Profit Motive (<i>paper 105, abstract</i>) Mark Minster*, Rose-Hulman Institute of Techn; Patricia Brackin, Rose-Hulman Institute of Technology; Jennifer Mueller Price, Rose-Hulman Institute of Technology; Richard House, Rose-Hulman Institute of Technology	Health Futures Lab – Transdisciplinary development of T shaped professionals through 'wicked problem' challenges (<i>paper 89, abstract</i>) Adam De Eyto*, University of Limerick; Annmarie Ryan, KBS-University of Limerick; Muireann Mc Mahon, Design Factors – UL; Grainne Hassett, SAUL -UL; Morgan Flynn, SAUL -UL		
9:30-9:45	Sustainable Social Business Incubator in West Africa (<i>paper 92, abstract</i>) Kurt DeGoede*, Elizabethtown College; Danni Qiao, Elizabethtown College; Duc Dam, Elizabethtown College; Matthew Ascah, Elizabethtown College; Momodou Jain, University of The Gambia	Transdisciplinarity. Which role for Sustainable Development Education and its situation at Engineering Education (<i>paper 75, abstract</i>) Jordi Segalas, UPC – Barcelona Tech; Gemma Tejedor*, University Research Institute of Sustainability Science and Technology.		
9:45-10:00	Q&As and Discussion	Q&As and Discussion	Q&As and Discussion	
10:00-10:30	Refreshment Break Allard Hall Foyer			

Friday, June 12, Morning

10:30-12:00		Parallel Sessions			
	Session 1: Novel Teaching and Learning Techniques Allard Hall 104 Chair: Dr. Karel Mulder	Session 2: Personal Growth and Life Long Learning Allard Hall 106 Chair: Dr. Magdalena Svanstrom	Session 3: University Nudges toward Sustainability Allard Hall 122 Chair: Dr. Naoko Ellis	Workshop 4.1: LCC Part 1 Allard Hall 123 Bernard Mazijn, Institute for Sustainable Development, Bruges	Workshop 2: SD and Environmental Ethics Allard Hall 111 Kees Vromans, Department of Environmental Studies, HAS Den Bosch University
10:30-10:45	A New Teaching Pedagogy To Enhance Societal Needs, Sustainability, Innovation And Entrepreneurial Skills (<i>paper 134, abstract</i>) A.M.S Hamouda*, Qatar University; Faris Tarlochan, Qatar University	The Impact of Project-based Learning on Self-directed Learning Readiness (<i>paper 36, abstract</i>) Marjan Eggermont*, Schulich School of Engineering; Bob Brennan, Schulich School of Engineering; Tom O'Neill, Department of Psychology, U of C	Sustainability in BioEnergy Academy for Teachers (BEAT): Changing perspectives and practices toward "greening" the curricula (<i>paper 94, abstract</i>) Madhumi Mitra*, UMES; Abhijit Nagchaudhuri, UMES		
10:45-11:00	Learning how to make trade-offs in pursuit of sustainable urban development: building a serious game (<i>paper 24, abstract</i>) Rien Van Stigt*, University of Applied Sciences; Elger Heere, ; Daniël van den Berg, Utrecht University of Applied Sciences; Maisam Haydari, Utrecht University of Applied Sciences; Wouter de Hoon, Utrecht University of Applied Sciences; Gideon den Ouden, Utrecht University of Applied Sciences; Rens Spierings, Utrecht University of Applied Sciences	Lead by Design: Pedagogical Approaches to Foster Reflective Practice and Career-long Sustainable Professional Development (<i>paper 51, abstract</i>) Cecilia Moloney, Memorial University; Janna Rosales*, Memorial University; Cecile Badenhorst, Memorial University; Jonas Roberts, Memorial University;	Evaluation of the arboreal vegetation influence at the environmental sustainability in the University of Passo Fundo campus, Brazil (<i>paper 96, abstract</i>) Evanisa Fatima Quevedo Melo*, University of Passo Fundo; Francisco Magro, University of Passo Fundo; Ricardo Henryque Quevedo Melo, University of Passo Fundo; Rodrigo Henryque Quevedo Melo, University of Passo Fundo		
11:00-11:15	Developing skills for sustainability change agents with a flexible participatory backcasting teaching toolbox (<i>paper 86, abstract</i>) Olga Kordas, Royal Institute of Technology, KTH; Kateryna Pereverza*, Royal Institute of Technology; OLEKSII PASICHNYI, Royal Institute of Technology, KTH; Eugene Nikiforovich, Institute of Hydromechanics NASU	From Caring About Sustainability to Developing Care-ful Engineers (<i>paper 71, abstract</i>) Diane Michelfelder*, Macalester College; Sharon Jones, University of Portland	Sustainable Practices across Leading Canadian Universities (<i>paper 58, abstract</i>) Samiha Tahseen*, University of Toronto; Bryan Karney, University of Toronto; Ian Sinclair, University of Toronto		
11:15-11:30	Critical evaluation of simulations and games as tools for expanding student perspectives on sustainability (<i>paper 20, abstract</i>) Jon-Erik Dahlin*, KTH; Heather Cruickshank, University of Cambridge; Richard Fenner, University of Cambridge	The Mindful Engineer: Contemplative Education as a Strategy for Sustainable Lifelong Professional Development (<i>paper 8, abstract</i>) Janna Rosales*, Memorial University	'Sustainability science' in practice: discourse & action in a university-wide transition initiative (<i>paper 130, abstract</i>) Jean Hugé*, Université Libre de Bruxelles; Tom Waas, Ghent University		
11:30-12:00	Graduate Student Action Research to Help Fill Gaps For Formal Engineering Education for Sustainable Development Program Formation: Vignettes as Action (<i>paper 112</i>) Cory D. Jensen, Colorado School of Mines, Q&As and Discussion	Q&As and Discussion	Graduate Student Action Research to Help Fill Gaps For Formal Engineering Education for Sustainable Development Program Formation: Vignettes as Action (<i>paper 112, abstract</i>) Cory D. Jensen, Colorado School of Mines, THEN GENERAL Q&As		
12:00-12:45	Lunch Allard Hall Foyer				

Friday, June 12, Afternoon

UBC Sustainability Tours					
Parallel Sessions					
	Session 1: Comparing Programmes 2 <i>Allard Hall 104</i> Chair: Dr. Jordi Segalas	Session 2: SD in the Built Environment <i>Allard Hall 106</i> Chair: Dr. Edmond Byrne	Session 3: Working with Others 2 <i>Allard Hall 122</i> Chair: Dr. Susan Nesbit	Workshop 4.2: LCC Part 2 <i>Allard Hall 123</i> Bernard Mazijn, Institute for Sustainable Development, Bruges)	Games (companion event to paper “Critical evaluation of simulations and games as tools for expanding student perspectives on sustainability”, Friday, 10:30, session 1) <i>Allard Hall 111</i> Jon-Erik Dahlin*, KTH; Heather Cruickshank, University of Cambridge; Richard Fenner, University of Cambridge
14:00-14:15	Comparing the Outcomes of Horizontal and Vertical Integration of Sustainability Content into Engineering Curricula using Concept Maps (paper 23, abstract) <i>Elise Barrella, James Madison University; Mary Katherine Watson*, The Citadel</i>	Teaching sustainability in a six star green building (paper 28, abstract) <i>Rick Best*, Bond University</i>	A Multi-National, Multi-Disciplinary, Multi-Platform Course on Rural Sustainability (paper 53, abstract) <i>Alex Mayer*, Michigan Technological Univ.; Denise Golden, Lakehead University; Patrick Maher, Cape Breton University; Mirella Stroink, Lakehead University</i>		
14:15-14:30	Use of STEEP Framework as Basis for Sustainable Engineering Education (paper 72, abstract) <i>Pritpal Singh*, Villanova University; Karl Schmidt, Villanova University; Bill Lorenz, Villanova University; Ross Lee, Villanova University</i>	Evaluation of materials impact on sustainability for buildings (paper 116, abstract) <i>Javier Orozco-Messana*, UPV</i>	Development of a Case-Based Teaching Module to Improve Student Understanding of Stakeholder Engagement Processes within Engineering Systems Design (paper 88, abstract) <i>Carli Flynn*, Syracuse University; Mallory Squier, Syracuse University; Cliff Davidson, Syracuse University</i>		
14:30-14:45	Principles, Implementation and Results of the New Assessment and Accreditation System „Engineering Education for Sustainable Industries (QUESTE-SI)” (paper 13, abstract) <i>Jurgis Staniškis*, Kaunas University of Technolog; Eglė Katiliūtė, Kaunas University of Technolog</i>	Justifying Intergrating Environmental Impact Assessment into Construction Processes for Sustainable Development (paper 69, abstract) <i>Namala Keftin*, Modibbo Adama University of Technology</i>	Assessing Collaboration Skills in Construction Engineering Education (paper 39, abstract) <i>Caroline Clevenger*, University of Colorado- Denver; Rodolfo Valdes-Vasquez, Colorado State University; Moatasseem Abdallah, University of Colorado- Denver</i>		
14:45-15:00	Taking Stock: Sustainability in Engineering Teaching; case of CES EduPack – software for academics (paper 76, abstract) <i>Tatiana Vakhitova*, Granta Design, Cambridge; Hugh Shercliff, University of Cambridge; Mike Ashby, University of Cambridge.</i>	Sustainability Thinking in Engineering Education: Data-Intensive Research, Computational Sustainability and Multidisciplinary Research (paper 110, abstract) <i>Amir Shoolestani, University of British Columbia; Behzad Shoolestani, University of British Columbia</i>	Designing for impact: a model of community engagement for sustainable development (paper 27, abstract) <i>Scott Jiusto, WPI; Richard Vaz*, WPI</i>		
15:00-15:30	Q&As and Discussion	Q&As and Discussion	Q&As and Discussion		
15:30-16:00	Refreshment Break <i>Allard Hall Foyer</i>				
16:00 – 17:30	Closing Plenary Session <i>Franklin Lew Forum</i>				
16:00 – 17:00	Keynote Presentation: Karel Mulder				
17:00 – 17:15	EESD16 Announcement <i>Bernard Mazijn, Institute for Sustainable Development, Bruges</i>				
17:15 – 17:30	EESD15 Leo Janzen Prize Winner Announcement				
17:30-18:30	Closing Reception <i>Allard Hall, 4th Floor Terrace Lounge</i>				