



PLEA 2017 EDINBURGH

Design to Thrive

EDUCATION AND TRAINING FORUM

Royal Society of Edinburgh (RSE): **Scott Room**
July 4th

	TIME	min			
10.00 - 11:00 Built Environment Education for Sustainability: Expanding the Scope					
Chair:				Ashraf M. Salama	
	10:00	5		Ashraf M. Salama	Forum Introduction
1	10:05	10	0013	Sara Alsaadani	Deciphering the code of 'sustainable' architecture: Exploring the discourse of PLEA 2014.
2	10:15	10	150	Barbara Widera	European university curricula for architects towards integrated design for tackling global climate change beyond 2020
3	10:25	10	1234	Heba Elsharkawy	Building Capacity for Sustainable Design of the Built Environment
4	10:35	10	1127	kheira Tabet Aoul	The Ethical Commitment to Sustainability in the Built Environment, Architectural Education Challenges
5	10:45	10	528	Michaela Hoppe	Research Oriented Teaching: Meeting the Challenges of Sustainable Building Design - the Economy of Ecology
Ds	10:55	5			DISCUSSION + Q&A
11:00 - 12:00 The Community and Social Responsibility in Architectural and Urban Education					
Chair:				Heba Elsharkawy	
6	11:00	10	520	Sophie Lufkin	Neighborhood-scale Evaluation to Benchmark the Integration of Urban Sustainability (NEBIUS). An innovative education and research methodology
7	11:10	10	914	Lisa lulo	Extreme Makeover: Flood Edition
8	11:20	10	1432	Isabel Rivera	Architectural Design Studio as a tool to promote social responsibility in the improvement of urban environments.
9	11:30	10	1094	Ulf Hackauf	A classification model for urban spatial interventions in relation to urban metabolism
10	11:40	10	356	Rachel Sara	The University as agent of change in the city: Co-creation of live community architecture
Ds	11:50	10			DISCUSSION + Q&A
12:30- 13:30 Renovation, Technology, and Materiality in Design Pedagogy					
Chair:				Sara Alsaadani	
11	12:30	10	522	Paola Gallo	Sustainable architecture and innovative technologies for deep renovation of school buildings: the design experience in the Environmental Design course of the architecture school at the University of Florence.
12	12:40	10	751	Elke Knapen	Sustainable material use in the Zero Pentathlon, a design assignment on holistic sustainable renovation of dwellings
13	12:50	10	861	Heather Bibbings	Enhancing Creativity and Independent Learning of Architectural Technology Students through the use of Real Life Design Competition Module
14	13:00	10	59	Kenneth Black	Designed Response: informing future student inquiry using design frameworks and full-scale construction
15	13:10	10	1283	Susanne Gampfer	Handbook for Sustainable Construction in Eastern Africa
Ds	13:20	10			DISCUSSION + Q&A
13:30- 14:30 Architectural Education Across the Boundaries of Cultures and Regions					
Chair:				Harshit Singh Kothari	
16	13:30	10	1023	Gail Brager	Experiential aesthetics as a basis for design in the classroom
17	13:40	10	395	Taiana Vidotto	Architecture design teaching in Brazil – experiences in the midst of school's multiplication
18	13:50	10	406	Jonathan Natanian	Articulation, Space and Sustainability: A Report on diploma student projects at the Technion, Israel
19	14:00	10	1037	Harshit Kothari	Tiny School - A thought experiment in Indian Architectural education
20	14:10	10	476	Achilles Ahimbisibwe	Changing attitudes in educating the developing world: Incorporating Earth Construction in East African curriculum
Ds	14:20	10			DISCUSSION + Q&A
15:00- 17:00 Houses, Schools, and Design Learning for Efficiency					
Chair:				Farzad Pour Rahimian	
21	15:00	10	1248	Gillian Treacy	Sustainable Lighting Design – Appropriate Metrics for Built Environment Education?
22	15:10	10	1669	Claude Demers	From in situ surveys to BIM simulations: connecting experience with performance
23	15:20	10	898	Avadhoot Dixit	Success of Solar Entrepreneurship Development Programmes towards Solar Energy Mission in India
24	15:30	10	541	Silvia de Schiller	Research, education and transfer: energy efficiency for sustainable building
25	15:40	10	621	Ginnia Moroni	From Model to Model: Lessons of Perimeter in Jaime Sanfuentes' Houses
26	15:50	10	236	Masahito Takata	Redesign your previous design studio work according to the environment! - Learn principles of environmental design from famous architect's houses and taking your own field measurements
27	16:00	10	816	Claire Speedie	Educational Buildings as Educational Buildings: Can sustainable architecture help support sustainability in the curriculum?
28	16:10	10	396	Valentina Dessi	The school yard: an opportunity to learn, play and make community
29	16:20	10	1287	Samuel Domínguez-Amarillo	Teaching innovation and the use of social media in architecture: the subject 'Building Facilities and Systems for Smart and Efficient Building Design'
30	16:30	10	690	Sanyogita Manu	Building Bridges or Chasms? Separating energy efficiency education for better integration
31	16:40	10	1169	Emilie Nault	Energy performance analysis in interdisciplinary education – Lessons learned from a simulation-based teaching approach
Ds	16:50	10			DISCUSSION + Q&A