

# Living and Sustainability: An Environmental Critique of Design and Building Practices, Locally and Globally.

DAY 1  
9<sup>th</sup> FEB

9.00	<b>Registration - Keyworth Centre, Foyer</b>		
9.30 – 10.00am	<b>Introductions - Keyworth Centre, Events Theatre.</b> Aaron Gilllich LSBU / Graham Cairns AMPS		
10.00-10.45am	<b>Keynote. Professor Andy Ford</b> <b>Director. Centre for Efficient and Renewable Energy in Buildings (CEREB). London South Bank University</b> <i>'Training Intuition' – Teaching Environmental Engineering to Designers</i>		
Break	Strand: Strategies and Policies	Strand: Practice and Use	Strand: Design & Social Sustainability
	<b>Session 1A: Events Theatre</b> Chair: Aaron Gillich	<b>Session 1B: Room K303</b> Chair: Steve Edge	<b>Session 1C: CEREB</b> Chair: Eleni Tracada
11.00am-12.30pm	<p><b>Claudia Trillo &amp; Kevin Dean.</b> <i>Assessing sustainability in urban regeneration: insights from a housing association in Northern England.</i></p> <p><b>Arian Mahzouni.</b> <i>The role of co-building groups in creating sustainable buildings and neighbourhoods: Lessons from Freiburg in Germany.</i></p> <p><b>Amit Sarma.</b> <i>Sustainable Planning Framework: A Case Study of New Delhi</i></p>	<p><b>Dan Greenwood &amp; Alina Congreve.</b> <i>The future of policy and standards for low and zero carbon homes in England</i></p> <p><b>Ann Bosserez, Griet Verbeeck &amp; Jasmien Herssens.</b> <i>An alternative design approach for current energy-efficient housing concepts: a dynamic way of living throughout the seasonal changes.</i></p> <p><b>Bolawole F. Ogunbodede.</b> <i>Solid Waste Management in Developing Nations: An Assessment of Residential Apartments in Ikeja, Lagos State.</i></p>	<p><b>Elizabeth Donovan.</b> <i>From Sustainability to Resilience.</i></p> <p><b>Peter Bjerrum &amp; Jørgen Hauberg.</b> <i>The Home of Man - a manifesto commemorating the 75th anniversary of 1st edition of François de Pierrefeu and Le Corbusier "La Maison des Hommes".</i></p> <p><b>Miguel Eufrasia.</b> <i>At the crossroads of sustainability: A critique of the naturalistic recompositioning of contemporary architecture.</i></p>
Lunch Break (external)			
	<b>Session 2A: Events Theatre</b> Chair: Evangelia Chryssikou	<b>Session 2B: Room K303</b> Chair: Gordon Lowry	<b>Session 2C: CEREB</b> Chair: Bridgette Engeler
1.30 – 3.00pm	<p><b>Marius Korsnes, Wang Yu, Gabriele Lobaccaro, Amin Moazami &amp; Salvatore Carlucci.</b> <i>Sustainable Architecture? How multi-cultural and interdisciplinary groups of master students achieve sustainable architecture in Shanghai.</i></p> <p><b>Ellyn A. Lester.</b> <i>Strategic Positioning for Communities of Sustainable Practice.</i></p> <p><b>Eleni Tracada.</b> <i>Smart Cities and e-planning - Biourbanism in education and urban renewal innovation.</i></p>	<p><b>Paola Leardini &amp; Paul Matthew.</b> <i>Midlife Crisis: Retrofitting Australia's ageing apartment buildings for the changing climate.</i></p> <p><b>Georgia Laganakou &amp; Martin Field.</b> <i>The future of 'Whole House' energy efficiency measures on the retrofit market in the UK.</i></p> <p><b>Stephen Edge &amp; Carolyn Hayles.</b> <i>Examining the economic, psychological and physiological benefits of retrofitting holistic sustainable and biophilic design strategies, for the indoor environment.</i></p>	<p><b>Suheyla Turk.</b> <i>Affordable Housing Production By Local Public-Private Partnerships: Can It Be A Way To Achieve Social Mix.</i></p> <p><b>Nuha Eltinay &amp; Professor Charles Egbu.</b> <i>Building Urban Resilience: HABITAT III roadmap from Advocacy into Action.</i></p> <p><b>Verena Lenna.</b> <i>From the body to the city. Inhabiting properties in the post-crisis Brussels.</i></p>

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Break

3.15 –  
4.45pm

## Session 3A: Events Theatre

Chair: Hugh Lester

**Leo Oorschot.** *Retrofit for continuity! Heritage, user preferences and gentrification - about refurbishment and sustainability of three to five storey apartment blocks of the interbellum and the post war period in Amsterdam, Rotterdam, Den Haag and Utrecht.*

**Maiss Razem.** Human-centered Approach towards Adoption of Green Homes in Jordan.

**Elisa Sirombo & Marco Filippi.** *Analysis of operational data about energy and water uses to inform social housing design.*

## Session 3B: Room VG11

Chair: Elly Lester

**Michael Lauring, Jørgen Erik Christensen & Loay Akram Hannoudi.** *Practicing facade renovation of Danish buildings built between 1960 and 1980.*

**Sat Ghosh, Mona Doctor-Pingel, Tanya Ling, Vishnu Vardhan & Shyam Srinivasan.** *Sustainable Design interventions for the built environment: A synergistic study of computational fluid dynamics and art.*

**Deborah Andrews, Zoe De Grussa, Andrew Chalk & Dave Bush.** *The use and impact of manual and motorized blinds as aids to thermal and visual comfort in domestic buildings in the UK.*

## Session 3C: CEREB

Chair: Jennifer Hardi

**John Beedon.** *Reversing Codified Unsustainable Building Practices: Reflections by a Middle American Practitioner*

**Ana Miret Garcia, Caroline Brown & Ryan Woolrych.** *Local residents experience of street and urban vitality in new non-central developments. Case studies in Madrid and Edinburgh.*

**Hatice Sadıkoğlu & Ahsen Özsoy.** *Sustainable 'Housing Quality' in terms of Installations and Infrastructure.*

Break

5.00-  
6.30 pm

## Session 4A: Events Theatre

Chair: Issa Chaer

**Hyejeong Yoo & Young Sang Kwon.** *Sustainable Urban Revitalization using Abandoned Houses.*

**Sebastião Santos, Maria de Fátima Ferreiro & Cristina Sousa.** *Critical Cities. Learning from Delhi extreme urban contexts, paths for a sustainable urban planning.*

**Lu Xu.** *Urban redevelopment and dilapidated housing regeneration in historical cities in China, insights from Xi'an.*

## Session 4B: Room K503

Chair: Alex Paurine

**Miguel Paredes Maldonado, Ruth Vega Clemente, Ana Miret Garcia.** *Sustainable housing and city-making in extreme climatic conditions: Case study in Runavík, Faroe Islands.*

**Henriette Ejstrup & Pelle Munch-Petersen.** *The Relations Between Building Energy Performances and Raw Material Scarcity.*

**Kelvin Fan & Dr Sunila Lobo.** *Impact of Wind on Construction Projects: High-rise case.*

## Session 4C: CEREB

Chair: Graham Cairns

**Bridgette Engeler & Kirsten Day.** *Housing Futures: the anomaly of innovation is a post-growth and post-human world*

**Reem Khaled Attia Hamad & Moureen Nazir Shawky Asaad.** *Flexible Neighborhood for sustainable living.*

**Derya Erdim.** *Are the Branded-Gated Community Model sustainable? Istanbul as a Case Study.*

8.00pm

Social Gathering: National Theatre, Southbank, London, SE1 9PX (TBC)

# Living and Sustainability: An Environmental Critique of Design and Building Practices, Locally and Globally.

DAY 2  
10th FEB

9.00 – 9.30am	<b>Registration - Keyworth Centre, Foyer</b>		
9.30 – 9.45am	<b>Introductions - Keyworth Centre, Events Theatre.</b> Aaron Gillich LSBU / Graham Cairns AMPS		
9.45-10.45am	<b>Keynote. Paul Allen.</b> <b>Director. Zero Carbon Britain, Centre for Alternative Technologies</b> <i>Zero Carbon Britain – Rethinking the Future</i>		
Break	Strand: Strategies and Policies	Strand: Practice and Use	Strand: Design & Social Sustainability
	<b>Session 1A: K808</b> Chair: Emilio Luque	<b>Session 1B: Room K806</b> Chair: Aaron Gillich	<b>Session 1C: K801</b> Chair: Walter Menteth
11.00am-12.30pm	<p><b>Andreas D. Georgakarakos, Martin Mayfield, Alex H. Buckman, Stephen A. Jubb, Craig Wootton.</b> <i>What are Smart Grid Optimised Buildings?</i></p> <p><b>Georgios Artopoulos &amp; Gloria Pignatta &amp; Matthaïos Santamouris.</b> <i>From the sum of Near-Zero Energy buildings to the whole of a Near-Zero Energy housing settlement: the role of communal spaces in performance-driven design.</i></p> <p><b>Loay Akram Hannoudi.</b> <i>Evaluating sustainable architectural solutions such as multi-angled facades in specific urban contexts.</i></p>	<p><b>Noor A M Aalhashem &amp; J L Patterson.</b> <i>Vernacular architecture as an approach to low energy design: learning from ancient and local knowledge.</i></p> <p><b>Wanda Dalla Costa.</b> <i>Housing Equity and Heat Vulnerability: A Case Study for Indigenous Design and Construction.</i></p> <p><b>Jamal M. Alabid, Ahmad Taki &amp; Birgit Painter.</b> <i>Simulation of traditional: Contemporary dwellings in Ghadames, Libya</i></p>	<p><b>Giacomo di Ruocco &amp; Francesca Primicerio.</b> <i>Sustainable urban resilience: housing solutions for asylum seekers.</i></p> <p><b>Sadanu Sukkasame.</b> <i>Participatory Housing Processes: A Study of the Karen in Thailand.</i></p> <p><b>Irene Appeaning Addo.</b> <i>Modernist architecture, building regulations and its implication on Ghana's energy use</i></p>
Lunch Break (external)			
	<b>Session 2A: K808</b> Chair: Graham Cairns	<b>Session 2B: Room K806</b> Chair: Sat Gosh	<b>Session 2C: K801</b> Chair: Georgios Artopoulos
1.30 – 3.00pm	<p><b>Diana Sanchez and Barry Jobling.</b> <i>The economic value of noise and overheating in buildings.</i></p> <p><b>Nergiz Amirova &amp; Thanos N. Stasinopoulos.</b> <i>Faces of Biophilia in Contemporary Turkish Architecture. (Virtual Presentation).</i></p> <p><b>L. Hadba, P. Mendonça &amp; L. T. Silva.</b></p>	<p><b>Maria das Graças B. Gondim dos Santos Pereira, Danilo Antônio Viana Lima, &amp; Gilberto Corso Pereira.</b> <i>Sustainability in metropolitan planning: urban ecology, a different perspective on urban dispersion.</i></p> <p><b>Anne Mette Boye.</b> <i>Postwar Industrial areas as agents for sustainable urban transformation.</i></p>	<p><b>Sálvora Feliz Ricoy.</b> <i>Extra-Long Residential Infrastructures. The case of collective housing on the large-scale.</i></p> <p><b>Izaskun Chinchilla and Emilio Luque.</b> <i>Retrofitting the architect: designing with (sustainable) users' practices in mind.</i></p> <p><b>Belinda Torus.</b> <i>Computer Aided Studies on</i></p>

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Break	<p><i>Green Walls an Efficient Solution for Hygrothermal, Noise and Air Pollution Control in the Buildings (Virtual Presentation).</i></p>	<p><b>Jude D'Souza.</b> <i>Living with Density – An exploration of Density Models for Living in South Asian Megacities.</i></p>	<p><i>Flexibility on Housing Design.</i></p>
3.15 – 4.45pm	<p><b>Session 3A: K808</b> Chair: Zhihui Ye</p> <p><b>Thomas Chung.</b> <i>Architecture, Productive Landscape and Eco-retrofitting: Case studies in post-industrial transformations.</i></p> <p><b>Agata Cabanek and Peter Newman.</b> <i>Biophilic Street - the characteristics of a healthy public space.</i></p> <p><b>Andrea Cook &amp; Tanja Beer.</b> <i>Planting citizenship: lessons for invoking sustainability via children's civic voice</i></p>	<p><b>Session 3B: Room K806</b> Chair: Jude D'Souza</p> <p><b>Paola Leardini &amp; Samuel Bowstead &amp; Tomas Brage.</b> <i>Flood Resilience Manifesto: Reframing Brisbane City's High-Density Waterfront Development</i></p> <p><b>Aimee Roslan &amp; Roslan Zainal Abidin.</b> <i>(Re)formation of Malaysian Conventional Housing Design in Landslide-Prone Areas via Algorithmic Remodeling of Form.</i></p> <p><b>Jia-Qian Jiang.</b> <i>Feasibility study on grey water reuse</i></p>	<p><b>Session 3C: K801</b> Chair: Graham Cairns</p> <p><b>John V. Mutlow.</b> <i>The courtyard as a sustainable generator for affordable social housing.</i></p> <p><b>Kelly J. Watson.</b> <i>Wellbeing valuation in the built environment.</i></p> <p><b>Matina Kousidi.</b> <i>Ecologies of breathing. Le Corbusier, Siegfried Ebeling, and the building as skin (Virtual Presentation).</i></p>
Break			
5.00-6.30 pm	<p><b>Session 4A: K808</b> Chair: David Etherington</p> <p><b>Lisa M. Tucker.</b> <i>The Small House Service Bureau: Modeling sustainable housing</i></p> <p><b>Christoph Kollert.</b> <i>The Role of Urban Design in Promoting Cycling: A Behaviour Change Perspective.</i> (Virtual).</p> <p><b>Shaimaa Tantawy.</b> <i>The Parallel City.</i></p>	<p><b>Session 4B: Room K806</b> Chair: Aaron Gillich</p> <p><b>Allan W. Shearer.</b> <i>The Concept of Character for Urban Landscapes in the 21st Century.</i></p> <p><b>Joseph Levodo, Andy Ford &amp; Issa Chaer.</b> <i>Scaling-up renewable energy technologies using solar lantern in rural Africa.</i></p> <p><b>Walter Menteth &amp; Francis Graves.</b> <i>The Portsmouth Elephant Cage.</i></p>	<p><b>Session 4C: K801</b> Chair: Graham Cairns</p> <p><b>Emanuele Giorgi &amp; Tiziano Cattaneo.</b> <i>Regeneration strategies to promote shared life and contrast the abandonment of rural settlements.</i> (Virtual Presentation).</p> <p><b>Alasdair Jones.</b> <i>Sustainability, masterplanning and the third age: Exploring older residents' contribution to sustainable communities in the Sydney metropolitan area.</i></p> <p><b>Primali Paranagamage &amp; Evangelia Chryssikou.</b> <i>Critique of Built Environment practices in care and extra care settings for people across the ageing lifespan.</i></p>
8.00pm	Social Gathering: National Theatre, Southbank, London, SE1 9PX (TBC)		