



Call for Papers

12th International Conference for Enhanced Building Operations

23rd - 26th October 2012 | Manchester, England

The International Conference for Enhanced Building Operations (ICEBO) invites you to submit an abstract for acceptance. The conference will be held 23-26 October 2012 in Manchester, England. The conference is hosted by the University of Salford and is co-hosted by Energy Systems Laboratory located at Texas A&M University.

The conference brings together an international group of leading practitioners, policy makers and researchers who routinely improve the health and comfort and minimise the energy consumption, operating costs, and environmental impacts of buildings. ICEBO 2012 is the leading forum for a timely exchange among individuals interested in the continuous improvement and maintenance of buildings, design, their energy usage and environmental impact.

The format of ICEBO is a series of technical and invited panel sessions, during which officials, building experts, and implementers make brief (12 -15 minutes) presentations, followed by a facilitated discussion. In order to solicit a wide range of input for ICEBO, we are issuing this open Call for

Presentation Topics across the region, and internationally. The proposed topic should be related to an organisation's or an individual's recent or current work in topics listed below and it should focus on concrete outcomes and achievements. For each thematic area of interest, we are seeking a variety of presentations that cover the identification of specific barriers, how they were overcome, creative and innovative solutions, and tangible outcomes that can be scaled up and transferred to other regions.

Important dates

- Abstracts should be no longer than 400 words. Please submit your topic/interest to emma.looskin@ccinw.com. The deadline for submissions is 8 June 2012
- You will be notified on or about 29 June 2012 if your abstract has been accepted
- Final draft of your paper is due for peer review on 20 July 2012
- Presenters are responsible for their own airfare and accommodation and registration fees.

Contact

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Best practices and policies in commissioning existing and new buildings

- Case studies of retro-commissioning of existing buildings and building power plants
- Continuous Commissioning® in buildings and central plants
- Building commissioning/optimisation as part of LEED® process [US]
- As part of Zero Carbon Buildings 2016 (UK Goal)
- Commissioning and optimisation of on-site renewable energy systems
- Commissioning and optimisation of energy, critical care, data center facilities and energy intensive facilities
- Workforce training for high-performance building operators and automation systems
- Measuring and verifying performance of building improvements
- Indoor air quality and thermal comfort optimisation strategies
- Governance models and procurement systems for effective enhanced building operations

Enhanced building operation, controls and emerging technologies

- Research initiatives for enhanced building operations and controls
- New technologies for enhanced building operations and controls
- Integration of on-site renewables into high performance buildings and operations
- Improved building automation, controls and sensor accuracy/calibration
- Smart building automation controls, demand reduction
- Market trends for smart buildings, smart controls, smart grid and smart technologies
- International harmonisation efforts for smart controls and open protocol specifications
- Smart building and smart grid strategies (policies, technologies and obstacles)
- High-performance sustainable buildings case studies
- Enhanced building operations (EBOs) through BIM (Building Information Modelling)
- Integration of EBOs with 'Fabric First' development

Government programmes for high performance buildings and enhanced operations

- Policy and regulations: 'smart, sustainable, inclusive'
- International, federal, state and local government building programmes and policies
- Building energy labeling and certification programs
- EBOs, public procurement and whole-life costing

Social and economic implications of enhanced building operations

- Skills jobs and economic development
- People and behaviour
- Low-carbon economic growth programmes
- Social equity and under-heating
- EBOs and community-scale developments