

12th International Conference on Improving Energy Efficiency in Commercial Buildings and Smart Communities (IEECB&SC'24) and European ESCO Conference						
	Frankfurt, 6-7 March 2024					
Time	Title	Presenter	Co-Authors Name	Co-Authors Family Name	Affiliation	Country
<b>Day 1</b> <b>6 March 2024</b>						
<b>Session 1</b>						
09.20 - 09.40	Optimizing Mechanical Ventilation in Buildings: Integrating Socio-Technical Perspectives and User Preferences for Mechanical Ventilation Systems	<b>Jessica Berneiser</b>	Jessica Diana Sebastian	Berneiser Maier Gözl	Fraunhofer ISE Ausbildungsinstitut für Psychotherapie Bodensee Fraunhofer ISE	Germany
09.40 - 10.00	Causal Modeling of Indoor Environmental Quality and Energy for Multi-Sensory Control Design in Buildings	<b>Mohammad Salehi</b>	Mohammad Panayiotis Salvatore	Salehi Papadopoulos Carlucci	The Cyprus Institute	Cyprus
10.00 - 10.20	Conventional and Bioclimatic Energy Efficiency Measures: suitability for South Italian retrofitting projects	<b>Teresa Iovane</b>	Giuseppe Fabrizio Nicola Teresa Fortuna	Aruta Ascione Bianco Iovane Simonelli	Università degli Studi di Napoli	Italy
10.20 - 10.40	Newly set up Waste Heat Network AwaNetz to tap Waste Heat in Germany	<b>Valentina Fröhlich</b>	Rüdiger Valentina	Lohse Fröhlich	DENEFF	Germany
10.40 - 10.50	<b>Coffee Break</b>					

<b>Session 2</b>						
10.50 - 11.10	Analysis of a novel compact integrated thermal energy storage system (MiniStor) in European sites	<b>Alexandros Tsimpoukis</b>	Alexandros Georgios Nikolaos	Tsimpoukis Martinopoulos Nikolopoulos	Centre for Research & Technology Hellas	Greece
11.10 - 11.30	NABERS Nearly 25 years on: Program Overview	<b>Paul Bannister</b>	Paul Carlos	Bannister Flores	DeltaQ NABERS	Australia
11.30 - 11.50	Understanding thermal comfort models using self-reporting and interpretable machine learning	<b>Nitant Upasani</b>	Nitant Olivia Masi	Upasani Guerra-Santin Mohammadi	Eindhoven University of Technology Eindhoven University of Technology Eindhoven University of Technology & Hogeschool van Arnhem en Nijmegen	The Netherlands
11.50 - 12.10	Commercial Building Energy Efficiency Measures for the Australian National Construction Code: Preliminary Results	<b>Paul Bannister</b>	Paul Eser Grace Hongsen Sam	Bannister Monty Foo Zhang Moffitt	DeltaQ Pty Ltd DeltaQ Pty Ltd DeltaQ Pty Ltd Energy Efficiency Pty Ltd Moffitt Consulting Pty Ltd	Australia
12.10 - 12.30	Machine Learning algorithms for Urban Building Energy Modeling	<b>Ahad Montazeri</b>	Ahad Jérôme H. Guglielmina	Montazeri Kaempf Mutani	Politecnico di Torino Idiap Research Institute Politecnico di Torino	Italy Switzerland Italy
12.30 - 13.50	<b>Lunch</b>					

<b>Session 3</b>						
13.50 - 14.10	Calculating the growing gap between Brown and Green	<b>Lucienne Mosquera</b>	Lucienne	Mosquera	SustainCRE	UK
14.10 - 14.30	The Impact of Minimum Energy Performance Standards on the Commercial Real Estate Market	<b>Xudong Sun</b>	Piet Nils Xudong	Eichholtz Kok Sun	Maastricht University	The Netherlands
14.30 - 14.50	BEAM3 REGEN3TIQ - The École Polytechnique Case Study - a Holistic Living Digital Twin for Total Lifecycle Ecological Footprint Management and Procurement	<b>Thierry Albert Arvea Marieni</b>	Thierry Arvea	Albert Marieni	BEAM CUBE Brainscapital	France
14.50 - 15.10	Risk-aware resource planning for microgrid connected edge data center with energy constraints	<b>Rickard Brannvall</b>	Rickard Sebastian Jonas Lackis	Brannvall Fredriksson Gustafsson Eleftheriadisy	RISE- Research Institutes of Sweden RISE- Research Institutes of Sweden RISE- Research Institutes of Sweden Ericsson Research	Sweden
15.10 - 15.30	A Behavioral Economics Approach to Energy Efficiency Policies	<b>Denisa Diaconu</b>	Denisa	Diaconu	Buildings Performance Institute Europe (BPIE)	Belgium
15.30 - 15.40	<b>Coffee Break</b>					

<b>Session 4</b>						
15.40 - 16.00	Major policy and regulatory trends in Europe on lighting products	<b>Elena Scaroni</b>	Elena Marion	Scaroni Ebel	LightingEurope	
16.00 - 16.20	The impact of well-being, human centric and biophilic lighting design on energy consumption	<b>Lambros T. Doulos</b>	Lambros T. Thasos Stelios	Doulos Balafoutis Zerefos	Hellenic Open University, Patra	Greece
16.20 - 16.40	Designing daylight-linked control systems with an integrative approach: an office case study in Naples	<b>Laura Bellia</b>	Laura Francesca Francesca	Bellia Diglio Fragiasso	University of Naples Federico II	Italy
16.40 - 17.00	Lighting and survey of emotions: The case of historic buildings	<b>Thanos Balafoutis</b>	Thanos Stelios Lambros T.	Balafoutis Zerefos Doulos	Hellenic Open University, Patra	Greece
17.00 - 17.20	Update on Status of Solid-State Lighting and Smart Lighting Systems	<b>Paolo Bertoldi</b>	Paolo Georges	Bertoldi Zissis	European Commission JRC Universite Toulouse III	Italy France
17.20 - 17.40	Energy efficiency in lighting based on the implementation of MEPS	<b>Btissam EL Bannadry</b>	Btissam Ilhame Fatima Zahra Chouaib	EL Bannadry Abbada EL Wardi Benqlilou	Ecole nationale Supérieure des Mines de Rabat	Morocco

<b>Day 2</b> <b>7 March 2024</b>						
<b>Session 5</b>						
09.20 - 09.40	GREEN Home: Key Instruments for aiming at the facilitation of the renovation of multi apartment buildings	<b>Rüdiger Lohse</b>	Valentina Rüdiger	Fröhlich Lohse	DENEFF	Germany
09.40 - 10.00	Assessment of financing options to empower Integrated Home Renovation Services	<b>Kirils Gončarovs</b>	Nicholas Kirils Karine	STANCIOFF GONČAROVS JEGIAZARJANA	Ēku saglabāšanas un energotaupības birojs	Latvia
10.00 - 10.20	Will energy efficiency services be able to boost decarbonisation investments in multifamily houses?	<b>Klemens Leutgöb</b>	Klemens Mirjana Rachel	Leutgöb Wissinger Leutgöb	e7 energy innovation engineering	Austria
10.20 - 10.40	Procuring public-private-partnerships for net zero delivery	<b>Colin Nolden</b>	Colin Sean Katherine Tedd Caroline Jack Emilia	Nolden Fox Sugar Moya Mose Bird Nicholls Melville	University of Bristol&University of Oxford University of Bristol University of Oxford&University of Edinburgh University of Oxford University of Bristol University of Bristol University of Bristol	UK
10.40 - 10.50	<b>Coffee Break</b>					

<b>Session 6</b>						
10.50 - 11.10	The value of independent verification (M&V) and role of independent verifiers in facilitating trust and credibility in ESCO projects	<b>Nick Keegan</b> <b>Max Dixon</b>	Nick Max	Keegan Dixon	EEVS	UK
11.10 - 11.30	Energy efficiency services in light in the revised Energy Efficiency Directive (2023/1791)	<b>Margot Pinault</b>	Margot	Pinault	European Commission DG ENER	
11.30 - 11.50	Results of the German energy efficiency survey with a focus on Energy Performance Contracting	<b>Louisa Döpking</b>	Louisa Martina	Döpking Erler	BAFA	Germany
11.50 - 12.10	Boosting EPC to Achieving Climate Neutrality in Buildings - Current State of Demonstration Projects and Outlook	<b>Jonathan Flesch</b>	Jonathan	Flesch	German Energy Agency	Germany
12.10 - 12.30	Building bridges: fitting EE into the banks' quest for Net Zero	<b>Livia Miethke Morais</b>	Livia Miethke	Morais	Base	Switzerland
12.30 - 12.50	The Energy and Climate Challenges: EU Firms' Responses and Implications	<b>Fotios Kalantzis</b>	Fotios	Kalantzis	EIB	
12.50 - 13.50	<b>Lunch</b>					

<b>Session 7</b>						
13.50 - 14.10	Delivering on the Fit for 55: will National and Energy Climate Plans promote energy management solutions, Energy Performance Contracting and the role of ESCOs ?	<b>Valérie Plainemaison</b>	Valérie	Plainemaison	EFIEES	Belgium
14.10 - 14.30	The risk of guaranteed savings in Energy Performance Contracts	<b>Rafał Cieślak</b>	Rafał	Cieślak	University of Warsaw	Poland
14.30 - 14.50	Super ESCOs as a way to leverage the EPC concept	<b>Amandine Gal</b>	Amandine	Gal	Ecoloner	Switzerland
14.50 - 15.10	Spanish Esco Market: A Business Succesfull Case	<b>Carlos Ballesteros</b>	Carlos	Ballesteros	Anese	Spain
15.10 - 15.30	Energy rehabilitation of residential, multi-family buildings connected to the district heating system - Public ESCO Project in Serbia	<b>Jihae Ko</b>	Bojan Kostas	Bogdanovic Dimopoulos	EBRD	UK
15.30 - 15.40	<b>Coffee Break</b>					

<b>Session 8</b>						
15.40 - 16.00	ESCOs acting as game changers in tackling large scale EU decarbonization challenge – an investor perspective	<b>Rahul Pratap Singh</b>	Rahul	Pratap Singh	European Energy Efficiency Fund and DWS International GmbH	Germany
16.00 - 16.20	Improving Energy Conservation Measure Estimation Efficiency	<b>Luc Hossenlopp</b>	Luc Efrie Mihai Johannes	Hossenlopp Escott Firanesco Menzel	Schneider Electric	France
16.20 - 16.40	Proven methodologies to unlock flexibility in commercial buildings	<b>Viktor Persson</b>	Victor Martin	Persson Kruska	Siemens	Sweden
16.40 - 17.00	Sustainable energy efficiency projects of public buildings in Piemonte Region	<b>Silvio De Nigris</b>	Silvio	De Nigris	Sustainable Energy Department of Piemonte Region	Italy
17.00 - 17.20	Lessons learned from analysing PED case studies	<b>Matthias Haase</b>	Matthias Ursula Caroline Genku Hassam	Haase Eicker Hachem-Vermette Kayo Rehman	ZHAW Concordia University Concordia University Tokyo City University VTT	Switzerland Canada Canada Japan Finland