

**International Conference on Energy, Environment and Economics (ICEEE2019) 20-22 August 2019, Heriot-Watt University,
Edinburgh, EH14 4AS, United Kingdom**

Day 1-20th August 2019- Postgraduate Centre Main Auditorium Foyer

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| Registration | 17:00 – 18:00 PM | Postgraduate Centre Main Auditorium Foyer |
| Welcome Dinner | 18:30 PM - | JW Marriott Courtyard Edinburgh West |

Day 2- 21st August 2019- Postgraduate Centre Main Auditorium

| Invited Talks (09:00 AM- 10:40AM) | | | |
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| Title | Presenter | Time | Room Number |
| The Role of Swedish Municipalities in the Transition towards Sustainable Energy Systems | Maria Andersson | 09:00 – 09:40 AM | Postgraduate Centre Main Auditorium |
| TBC | Wolf-Gerrit Fruh | 09:40 – 10:20 AM | Postgraduate Centre Main Auditorium |
| Questions and discussions | | 10:20 – 10:30 AM | Restaurant/cafeteria |
| Tea Break | | 10:30 – 11:00 AM | Restaurant/cafeteria |
| TBC | Andrew Wright | 11:00 – 11:40 AM | Postgraduate Centre Main Auditorium |
| Micro-grid Hybrid Energy System Design: Potential Optimal Solution to Meeting Cameroon Future Energy Supply | Dan N Nkwetta | 11:40 – 12:20 PM | Postgraduate Centre Main Auditorium |
| Questions and discussions | | 12:20 – 12:30 PM | Postgraduate Centre Main Auditorium |
| Lunch | 12:30 – 13:30 PM | | Postgraduate Centre Main Auditorium |
| Technical Session 1 (13:30 PM- 15:20 PM) | Session Chair: Maria Andersson | | |
| Climate change impact on thermal comfort in Mexico City housing | Christopher Heard | 13:30 – 13:50 AM | Postgraduate Centre Main Auditorium |
| Performance of BIPV modules under different climatic conditions | Juliana E. Goncalves | 13:50 – 14:10 AM | Postgraduate Centre Main Auditorium |

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| Geothermal energy situation in Saudi Arabia | Sahl Waheeb | 14:10 – 14:30 PM | Postgraduate Centre Main Auditorium |
| Solar Thermal Dehydrating Plant for Agricultural Products Installed in Zacatecas, México | Octavio García Valladares | 14:30 – 14:50 PM | Postgraduate Centre Main Auditorium |
| Internal shading devices' uses in side-lit room to mitigate daylight glare and effects on window's solar heat gains and energy cooling demand | Dayan de Loyola Ramos Garcia | 14:50 – 15:10 PM | Postgraduate Centre Main Auditorium |
| Questions and discussions | | 15:10 – 15:20 PM | Postgraduate Centre Main Auditorium |
| Tea Break | 15:20 – 15:40 PM | | Restaurant/cafeteria |
| Technical Session 2 (15:40 PM – 17:20 PM) | Session Chair: Andrew Wright | | |
| Municipal Solid Waste as a valuable recycled asset for small-scale electricity production in rural communities | Valter Silva | 15:40 – 16:00 PM | Postgraduate Centre Main Auditorium |
| Local innovation for application of membrane system for supply of arsenic safe water in rural Bangladesh | Nadim R. Khandaker (Video) | 16:00 – 16:20 PM | Postgraduate Centre Main Auditorium |
| Energy Efficiency in Housing and Socio-Economic Development in Nigeria | Abiodun Olukayode Olotuah | 16:20 – 16:40 PM | Postgraduate Centre Main Auditorium |
| Assessing low energy school buildings using the new Building Bulletin 101 | Yingchun Ji | 16:40 – 17:00 PM | Postgraduate Centre Main Auditorium |
| Questions and discussions | | 17:10 – 17:20 PM | Postgraduate Centre Main Auditorium |
| Evening walk and drinks Edinburgh town Centre-Everyone invited (meeting place Statue of Thomas Guthrie, Princess Street at 19:00PM) | | | |

| Day 3- 22nd August 2019 - Postgraduate Centre | | | |
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| Technical Session 4 (09:00 AM – 10:30 AM) | | Session Chair: Vimal Chandra Srivastava | |
| Contribution of thermal inertia to the dynamic thermal performance of building envelopes | Karolos J. Kontoleon | 09:00 – 09:20 AM | Postgraduate Centre 2.01 |
| Wood biomass market development in the Slovak Republic | Elena Horska | 09:20 – 09:40 AM | |
| Assessment of the first low-energy house in the state of Kuwait | Ali F. Alajmi | 09:40 – 10:00 AM | Postgraduate Centre 2.01 |
| TBC | Richard Tennant MacIver | 10:00 – 10:20 AM | Postgraduate Centre 2.01 |
| Questions and discussions | | 10:20 – 10:30 AM | Postgraduate Centre 2.01 |
| Tea Break | 10:30 – 11:00 AM | | Restaurant/cafeteria |
| Technical Session 5 (11:00 AM – 12:30 PM) | | Session Chair: Dan N Nkwetta | |
| Abatement of nitrate ion aqueous solution by electrochemical method | Vimal Chandra Srivastava | 11:00 – 11:20 AM | Postgraduate Centre 2.01 |
| Life Cycle Assessment of Bio-oil Produced from Biomass Residue | Vimal Kumar | 11:20 – 11:40 AM | Postgraduate Centre 2.01 |
| Influence of Window Area and thermal transmittance in the consumption of electric energy in the Brazilian savannah | Renata Mansuelo Alves Domingos (Video) | 11:40 – 12:00 PM | Postgraduate Centre 2.01 |
| A Comparative study of a Direct Current Heating System and a Gas Furnace Heating Coil | Ali Taileb | 12:00 – 12:20 PM | Postgraduate Centre 2.01 |
| Questions and discussions | | 12:20 – 12:30 PM | Postgraduate Centre 2.01 |
| Lunch | 12:30 – 13:30 PM | | Restaurant/cafeteria |
| Technical Session 6 (13:30 PM – 15:00 PM) | | Session Chair: Vimal Kumar | |
| Kinetic study on the removal of heavy metals by Cajanus Cajan husk and butea Monosperma leaves | Basudeb Munshi | 13:30 – 13:50 PM | Postgraduate Centre 2.01 |

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| Influence of trees on the energy consumption of a popular housing in the Brazilian Savanah | Renata Mansuelo Alves Domingos (Video) | 13:50 – 14:10 PM | Postgraduate Centre 2.01 |
| Modelling and Simulation Study of CO2 Capturing Process in Coal Fired Power Plant using Various Amine Solvents | Arvind Kumar | 14:10 – 14:30 PM | Postgraduate Centre 2.01 |
| Optimal Management of Electrical Energy of a Multi-source System | Rezak Alkama | 14:30 – 14:50 PM | Postgraduate Centre 2.01 |
| Questions and discussions | | 14:50 – 15:00 PM | Postgraduate Centre 2.01 |
| Tea Break- | 15:00 – 15:30 PM | | Restaurant/cafeteria |
| Technical Session 7 (15:30 PM – 17:30 PM) | Session Chair: Christopher Heard | | |
| Feasibility Study of District Cooling Implementation for Low Rise Buildings of a Residential Neighbourhood | Ali F. Alajmi | 15:30 – 15:50 PM | Postgraduate Centre 2.01 |
| Optimum energy for fluidization | Manoj Desai (Video) | 15:50 – 16:10 PM | Postgraduate Centre 2.01 |
| Performance analysis of thermoelectric generator by using Lead Telluride, Perovskites, Skutterudites and Tetrahedrites | Pradyumn Mane | 16:10 – 16:30 PM | Postgraduate Centre 2.01 |
| Urban Poverty, Renewable Energy, and Nigerian Business Climate | Abiodun Olukayode Olotuah | 16:30 – 16:50 PM | Postgraduate Centre 2.01 |
| Energy Re-Generation Suspension System - Sustainability and Environmental Preservation | Akshay Kumar/Siddharth Grover | 16:50 – 17:10 PM | Postgraduate Centre 2.01 |
| Questions and discussions | | 17:10 – 17:20 PM | Postgraduate Centre 2.01 |
| Awards and Vote of thanks - Drinks | 17:30 PM onwards | | |
| Day 3-22nd August 2019 Parallel Session-RETScreen Expert Workshop | | | |
| RETScreen Expert Workshop (13:30 PM – 17:00 PM) | Prior Registration is necessary (free for conference delegates) | | Postgraduate Centre 2.02 |

Delegates:

Jason Martins - University of Cambridge, UK

Sid Grover - RSK Group Plc,

Mr. Eng. Hasan Albahrani – Kuwait

Mr. Eng. Bader Aladwani- Kuwait

Daniela Eusébio

Mrs. Olanrewaju Tunmise Olotuah

Lovisa Harfeldt - RISE Research Institutes of Sweden

Poster:

Youn Cheol Park/Enkhbadral Gantulga - Renewable Energy Supply Plan of Jeju Island in Korea

Note for the Session Chair

Every presentation comprises 20 minutes including presenter's introduction from Session Chair

Session Chair Responsibility:

- Introduce the presenters to audience

- To run and finish session on time and give reminder to presenter 5 minutes and 2 minutes during their time slot
- Invite all the presenters to panel for 10 minutes questions/discussion at the end of all presentations.
- If speaker is not available, please use extra time among other speakers.

Note for the Poster

Delegates presenting the poster, please bring the printed poster of A1 size. Please deposit them at reception. Poster will be displayed during tea/coffee breaks.

Note for online delegates

All delegates attending conference through video conferencing will receive link to watch live webcast on 21st August, please make sure you check your email around 8.45 am BST for the email update.

Please use template for your presentation:

- In Normal view, select the slide that you want to start the recording on.
- On the Slide Show tab, in the Set Up group, click Record Narration.
- Click Set Microphone Level, follow the directions to set your microphone level, and then click OK.

For more information please read [Recording your presentation](#)

Parking Free parking will be available, please ask at registration desk showing your conference badge for validation of parking ticket if required or just park and go in any parking available for visitors.