

Edinburgh Napier University's 3rd Annual Solar and Wind Energy Conference

Thursday 16th March 2023 – 9.00am-3.30pm

Hybrid: Classroom, Merchiston Campus, 10 Colinton Road, Edinburgh EH10 5DT; Online - WebEx

Programme

"Building a Sustainable Future: Exploring the Boundless Potential of Solar and Wind Energy"

- 09:00 Registration
- 09:15 Dr Firdaus Muhammad Sukki, Edinburgh Napier University: [Welcome](#)
- 09:20 Prof Peter Andras, Dean, School of Computing, Engineering & the Built Environment, Edinburgh Napier University: [Welcome Address](#)
- Solar Energy Chair - Dr Firdaus Muhammad Sukki**
- 09:30 Dr Nurfadzilah Ahmad, Solar Research Institute (SRI), Universiti Teknologi MARA (UiTM), Malaysia: [‘Beyond 2030: Crafting an Agenda for Sustainable Development’](#)
- 10:05 Dr Lethy Krishnan Jagadamma, School of Physics and Astronomy, University of St Andrews: [‘Halide perovskites for efficient indoor photovoltaics’](#)
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- 10:40-11:00 Comfort Break
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- 11:00 Dr Charles Ho, Photonicity: [‘Space and Terrestrial Photovoltaics: Synergy and Diversity in the 21st century’](#)
- 11:35 Ms Marzia Alam, Heriot-Watt University: [‘Energy Yield Enhancement of Bifacial Photovoltaic Modules.’](#)
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- 12:10-13:00 Lunch
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- Wind Energy Chair – Dr Pablo Sola**
- 13:00 Dr Pablo Sola, Edinburgh Napier University: [‘An Insight to the Efficient Design and Optimization of Wind Turbine Powertrain Mechanical Components’](#)
- 13:35 Dr Sheikh Islam, Robert Gordon University: [‘Design optimisation of Novel Hybrid Vertical Axis Turbines’](#)
- 14:10 Dr Kamyab Givaki, HVDC Engineer - Offshore Wind, SSE Renewables (UK): [‘Offshore wind: Challenges and Opportunities to meet Net Zero Targets’](#)
- 14:45 Dr Rafael Dawid, Sennen Tech: [‘The recent advancements in wind farm control room software’](#)
- 15:20 Closing remarks: Dr Senthil Sundaram, Edinburgh Napier University
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- 15:30 Event closes
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