

Professor Peter Lund
Aalto University, Helsinki,
Finland

*Storage for solar PV –
systems and optimization*



Peter Lund is a professor in advanced energy systems at Aalto University in Helsinki, Finland, working on future energy questions and technologies. He is particularly interested in multidisciplinary approaches in energy. Energy transitions, smart urban energy, and nanoenergy are his current research themes.

Professor Lund has made original contributions in clean energy, in particular advanced fuel cells, 3rd generation solar cells, energy storage, energy system flexibility, but also in large R&D initiatives. He pioneered solar energy and energy storage research in Finland in late 1970.

Professor Lund is active in senior roles on energy internationally. He has chaired the Advisory Group of Energy of the European Commission and the energy panel of the European Science Academies. He is vice-chair of the Finnish Climate Panel, advising on climate policies. He has visiting positions in China and Germany, and he is among others an Honorary Professor in Nanjing. He is member of the Finnish Academy of Science and the Swedish Engineering Academy in Finland.

Thursday
18th February 2021
9am (GMT)
Zoom

Dr Hasila Jarimi
Universiti Kebangsaan Malaysia
(UKM)

*Building integrated photovoltaic
thermal solar collector for facade
applications*



Dr Hasila Jarimi is a Research Fellow at the Solar Energy Research Institute (SERI), Universiti Kebangsaan Malaysia (UKM). She obtained her BSc in Physics from The University of Manchester (UK) in 2008, and PhD in Science specialising in solar energy technology from UiTM Perlis in 2016.

Before joining SERI, she was a Research Fellow at the Department of Architecture and Built Environment, Faculty of Engineering, University of Nottingham, UK, working on several green technology projects including two Newton Funds: with Turkey on a solar-driven thermochemical heat storage; and with China (industrial collaboration) on advanced glazing technology using semi-transparent thin-film PV glazing which received the 2018-2019 Rushlight Responsible Product or Service Award, UK. She also worked on an Innovate UK funded project on the application of phase change materials to control Varroa mites population in a beehive (industrial collaboration).

She has experience assisting and supervising undergraduate and postgraduate students in various sustainable energy technologies including solar thermal energy, thermal energy storage and low-carbon buildings. She is also one of the advisors of World Renewable Energy Network (WREN) and a member of World Society of Sustainable Energy Technologies (WSSET).

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to the general public.