

Invited Speaker: Dr Khaled Ahmed, University of Strathclyde, Glasgow, UK



Biography: Dr Khaled Ahmed received the B.Sc. and M.Sc. degrees from Alexandria University, Egypt in 2002 and 2004, respectively. He received the PhD degree in power electronics applications from the Electronic and Electrical Engineering Department, University of Strathclyde, UK, 2008. In 2011, he was appointed as a Lecturer in Power Electronics at the University of Aberdeen, and was promoted to Senior Lecturer in 2015. Currently, He is a Reader (Professor) in power electronics at the University of Strathclyde (PEDEC Group). He has over 19 years of research experience in power electronics, renewable energy integration, solar energy systems, off-shore wind energy, smart grids, DC/DC Converters and HVDC. He has won funding of £2.8 million as Primary and Co-Investigator on projects funded by EPSRC, the EU, KTP, the British Council, the Royal Society, the Carnegie Trust, the Scottish Funding Council, the Oil and Gas Technology Centre, and industry (Rolls-Royce, Scottish Power, and Scottish and Southern Energy). He has supervised 18 PhD students; 10 have graduated and the others are ongoing. Dr Ahmed has published over 120 technical papers in refereed journals and conferences, 1 book, 1 book chapter, and a patent (PCT/GB2017/051364). Total citations of 4562 and h-index of 28. Two of his journal papers are rated in the top 1% of those cited in the academic field of Engineering (Web of Science). He is a senior member of the Institute of Electrical and Electronics Engineers (IEEE) Industrial Electronics and Power Electronics Societies, IET member, Chartered Engineer, and Fellow of Higher Education Academy (HEA). He serves as a Co Editor-in-Chief of Elsevier Alexandria Engineering Journal, and as an Associate Editor of IEEE Open Journal of the Industrial Electronics Society (OJIES), and IEEE Access.