

# ICSMARTGRID 2020

## Dr Grain Philip Ased



**G.P. Adam** (M'12) received a PhD in Power Electronics from University of Strathclyde in 2007. Since April 2008, Dr Adam is with Institute of Energy and Environment, University of Strathclyde in Glasgow, UK. Besides his academic research, Dr Adam is a leading contributor to several research and development projects on novel MVDC and HVDC converters with industry, and to major European Union research projects on energy such as TWENTIES of the Seventh Framework Programme (FP7) and PROMOTION of the Horizon 2020. His research interests include: fault tolerant voltage sourced converters for HVDC applications; modelling and control of point-to-point and multi-terminal HVDC transmission systems; voltage source converter based FACTS devices; and advanced control methods to facilitate continued operation of offshore multi-terminal HVDC grids using cost-effective partially selective protection schemes. Dr Adam has authored and co-authored three books in applications of power electronics in power systems and renewable energy, and over 100 journal and conference papers in the area of multilevel converters and HVDC systems, and grid integration of renewable power. Dr Adam is a member of IEEE and IEEE Power Electronics Society, and active contributor to scrutiny of academic literature in the areas of fundamentals and applications of power electronics for several IEEE and IET Transactions and Journals and conferences, and as an associate editor and guest editor to IEEE journal of emerging and selected topics in power electronics.