


15th International Green Energy Conference

(IGEC XV) | July 10-13, 2023 | In-person & online

Name	Nigel Brandon	
Affiliation	Imperial College London	
<h2 style="color: red;">Invited Plenary Lecture</h2>		
Presentation Title	<p>Progress in fuel cell and hydrogen technologies for the low carbon energy transition</p>	
Abstract (Approximately 200 words)	<p>The presentation will discuss the role that electrochemical technologies such as fuel cells, electrolyzers and batteries will increasingly play in the low carbon energy transition, highlighting both progress made, and some of the current research and technology challenges. The speaker will draw on his own experience of spinning out and building companies in this sector.</p>	
Biographical Sketch (Approximately 200 words)	<p>Professor Nigel Brandon OBE FEng FRS is an electrochemical engineer whose research is focused on the science, engineering and technology of electrochemical devices for the low carbon energy transition, in particular fuel cells, electrolyzers and flow batteries. He is a founder of the fuel cell company Ceres Power, now valued at around £1B, and founder and Chairman of RFC Power, a flow battery company spun out from Imperial in 2018. He is Dean of the Faculty of Engineering at Imperial College, and chair of the College's Sustainable Gas Institute. He has been awarded the Royal Academy of Engineering Silver Medal, and the ASME Francis Bacon medal, for his contribution to fuel cell technology. He was elected as an overseas member of the US National Academy of Engineering in 2022.</p>	