




Name	Subhasish Mukerjee	 PHOTO
Affiliation	Ceres Power Limited, UK	
<h2 style="color: red;">Invited Plenary Lecture</h2>		
Presentation Title	Ceres technology for clean power and green hydrogen	
Abstract (150 words)	<p>Ceres' unique SteelCell® metal supported technology is establishing itself as the global standard for Solid Oxide Cell, combining robustness, efficiency and low manufacturing cost. This technology is rapidly moving to volume production, with multiple world class partners. SteelCell technology has a wide range of applications in the power generation sector, with applications ranging from small scale <10kWe combined heat and power (CHP) systems to systems in the 100s of kW to MW range. The technology also has applications in the rapidly-growing steam electrolysis and E-fuels sector – whereby Megawatt scale demonstration is planned. There is huge customer interest in this application to produce green hydrogen. This presentation will highlight the incredible journey from the laboratory to commercialization of this novel technology.</p>	
Biographical Sketch (150 words)	<p>Dr. Subhasish Mukerjee is the Chief Scientific Officer at Ceres Power, a leading clean energy technology company in the UK. He is responsible for all aspects of the core R&D programs and has worked at Ceres for 11+ years. He is also an honorary Visiting Professor at Imperial College, London. Dr. Mukerjee has extensive (25+ years) experience in clean energy technologies and has worked previously at BP Chemicals and at Delphi Corporation. He gained his PhD at Yale University and postdoctoral fellowship at Harvard University and has published widely in multiple journals and has multiple patents in his field. He, recently, was part of the Ceres team that was awarded the prestigious MacRoberts award from the Royal academy of Engineering.</p>	