

## 演講者簡歷 **Speaker's curriculum vitae**

姓名 Name	Professor Mercedes Maroto-Valer (FRSE, FICChemE, FRSC, FRSA, FEI)	
現職 Current position	<p>Director and Champion - UK Industrial Decarbonisation Research and Innovation Centre (IDRIC)</p> <p>Deputy Principal (Global Sustainability) and Director of the Research Centre for Carbon Solutions (RCCS) at Heriot-Watt University</p>	
專長領域 Field of Specialization	Energy systems, CCUS, integration of hydrogen technologies and low carbon fuels	
演講題目 Speech Topic	Accelerating the transition of industrial clusters to net zero	
主要經歷 Working Experience	<p>Prof Maroto-Valer is Director and Champion of the UK Industrial Decarbonisation Research and Innovation Centre (IDRIC) that forms part of the UK Industrial Decarbonisation Challenge focused on accelerating the transition to net zero of industrial clusters and establishing the first world net-zero industrial cluster.</p> <p>She is Deputy Principal (Global Sustainability) at Heriot-Watt University, leading the sustainability agenda, making a significant impact on achieving the United Nations Sustainable Development Goals (SDGs) and working with partners to achieve global carbon reduction targets through the development of university wide initiatives (UK, Dubai and Malaysia). She is director of the Research Centre for Carbon Solutions (RCCS) at Heriot-Watt University, where she holds the Robert Buchan Chair in Sustainable Energy Engineering. RCCS is a world leading multidisciplinary centre delivering innovation for the wider deployment of low-carbon energy systems required for meeting net-zero targets.</p> <p>Prof Maroto-Valer holds leading positions in professional societies/editorial boards, including her role in the Council of Engineers for the Energy Transition (CEET) under the auspices of the United Nations Secretary-General.</p>	
近期研究 (Optional)Recent Research	<p>She has over 550 publications, including editor of 4 books and 15% of her publications are in top 10% most cited worldwide. Mercedes holds leading positions in professional societies and editorial boards and has received numerous international prizes and awards, including 2021 ACES-Margarita Salas Prize, 2021 D+I Best Research Project Award, 2020 WES Top 50 Women in Engineering (WE50) Sustainability, 2019 IET Transport Innovation Award, 2019 Scottish Women Award - Services</p>	

	<p>to Science and Technology, 2019 Honorary Doctorate by TU Delft, 2018 SRUK/CERU Merit Award, 2013 Hong-Kong University Mong Distinguished Fellowship, 2011 RSC ESED Early Career Award, 2009 Philip Leverhulme Prize, 2005 US Department of Energy Award for Innovative Development, 1997 Ritchie Prize, 1996 Glenn Award- Fuel Chemistry American Chemical Society, 1993 ICI Chemical &amp; Polymers Group Andersonian Centenary Prize. Her research portfolio also includes a prestigious European Research Council (ERC) Advanced Award</p>
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