

Mark Symes – short biography

I am the Professor of Electrochemistry and Electrochemical Technology at the School of Chemistry, University of Glasgow (UK). My research group of around 15 members investigate sustainable ways to make fuels and feedstock chemicals using electrochemistry, and we have pioneered the concept of “Decoupled Electrolysis” for green hydrogen production (*Nature Chem.* **2013**, *5*, 403; *Science*, **2014**, *345*, 1326; *Nature Chem.* **2018**, *10*, 1042 and *Electrochim. Acta*, **2020**, *331*, 135255). We are also exploring new methods for providing oxygen and building materials to human explorers on the moon using electrochemistry (*Planet. Space Sci.* **2020**, *180*, 104748 and *Nat. Commun.* **2022**, *13*, 583). I have been an independent academic and faculty member at the University of Glasgow since October 2013. Prior to this, I was a postdoctoral research assistant at Massachusetts Institute of Technology (USA), and prior to that I was a PhD student at the University of Edinburgh, UK (2005-2009). To date, I have published >75 peer-reviewed papers and several patents. A full list of publications and recent presentations at national and international conferences can be found at www.symeslab.com. According to Web of Science (October 2022), I have an H-index of 31 and >5,900 citations.

Mark Symes – contributions to ISE and the electrochemistry community

I am very active within the electrochemistry community, having been the Chair of the Royal Society of Chemistry Electrochemistry Group (Sept 2019 - Sept 2022), and before that the secretary of the same (Sept 2017 – Sept 2019). The Royal Society of Chemistry is the professional body for chemistry in the UK and has over 50,000 members worldwide, making it the largest chemical association in Europe. The Royal Society of Chemistry Electrochemistry Group works very closely with the ISE reps in the UK and Ireland to foster collaboration and an outward-looking mindset. I have been a member in good standing of the ISE (and of Division 7) since 2017 and I was part of the organizing committee of the 25th Topical Meeting of the ISE in April 2019 in Toledo (Spain). I will co-chair the ISE’s Topical Meeting in Manchester in 2024 and I have presented at numerous ISE conferences in recent years, both online and in-person. I organized a symposium on sonoelectrochemistry at this year’s online ISE Annual Meeting on behalf of Divisions 5 and 7, and I am organizing a symposium for the Annual Meeting in 2023 on new battery devices (on behalf of Divisions 3 and 7).