
Dr Peter Sherrell – Candidate Statement – Chair-Elect – ISE Division 4

It is an honour to be nominated as the Chair-Elect of Division 4 Electrochemical Materials Science.

To represent one of the largest divisions within the ISE is a significant role and opportunity. The division has grown to be large and impactful through the fundamental role electrochemical materials science plays in underpinning many other divisions (and other areas of science). This size is also reflected with the high activity of the division and by the large number of events run or sponsored by Division 4 over the recent years. This core set of tenets, activity, collaboration, and diversity are what I will continue to champion if elected to the Chair-Elect role in Division 4.

If elected, I will work to ensure that Division 4 remains an active, collaborative, and inclusive division, continuing to actively support events and working to ensure gender, geographical, and topical representation and diversity of key speakers at sponsored events; whilst maintaining the highest quality scientific discourse. I strongly believe in supporting young and emerging electrochemists and would work towards increasing support for early-career researchers and industry-based electrochemists by promoting scientific networking, reduced registration fees (where possible) for ECRs, increased opportunity for mentorship, and offerings at events to enhance their career development opportunities.

My research background in electrochemistry is diverse, from electrocatalysis to batteries, from conducting polymers to nerve cell stimulation platforms; all of which leverage electrochemical materials. This breadth of background enables me to communicate broadly across the diverse interests of Division 4, bringing together activities grounded in core, shared capabilities for solving key problems.

My prior leadership roles on the Executive Committee of the Physical Chemistry Division of the Royal Australian Chemical Institute (RACI), the RACI inclusion and diversity committee, the lead of the CO₂ Removal network at RMIT University, and the Academic Lead for Battery Infrastructure at RMIT has given me the skills in engaging with varied stakeholders across institutional, operational, and academic spheres – which I look forward to applying to the benefit of Division 4.
