

DR SAIMON MORAES SILVA

ISE Division 1: Analytical Electrochemistry

I am standing for Chair Elect of ISE Division 1 to contribute my experience in analytical electrochemistry, research leadership and community building. I became involved with the division during my PhD, and I attended my first ISE Annual Meeting in Taipei, Taiwan, in 2015. I have remained an active member since then and look forward to continuing to contribute to the division and our wider community.

My research develops electrochemical sensors for healthcare, environmental monitoring and forensic analysis, with a focus on selective, sensitive and reliable measurements in complex samples. This aligns closely with Division 1's analytical remit. As Director of the BEST Research Centre, an NHMRC Emerging Leadership Fellow and a biosensor company co-founder, I bring experience connecting fundamental electrochemistry with practical analytical applications. Co-organising a Division 1/2 symposium at ISE 2026, alongside chairing national conferences, has strengthened my ability to bring people together across disciplines and career stages.

If elected, I would work with fellow members to develop engaging scientific programmes reflecting the breadth of analytical electrochemistry; create opportunities for students and early-career researchers to present, connect and take leadership roles; and strengthen international participation and dialogue between academia and industry. I would support collaboration across ISE divisions and discussion of analytical rigour, reproducibility and real-sample performance. Above all, I would listen to members and help sustain a welcoming, active division that supports both excellent science and the people behind it.