

Statement

Physical electrochemistry is entering a new phase. Operando measurements at neutron and synchrotron facilities, combined with large datasets and data-driven models, now let us follow interfaces and charge-transfer processes in real time and across length scales. I am first and foremost an electrochemist, trained in physical electrochemistry in Tartu. At Helmholtz-Zentrum Berlin I bring rigorous electrochemical methods (impedance spectroscopy, cyclic voltammetry, rotating disk electrode and galvanostatic cycling) to the beamline, where the electrochemistry must be as sound as the scattering. I have carried out experiments at the neutron sources ISIS (UK), MLZ and BER II (Germany) and ANSTO (Australia), and at the synchrotrons BESSY II and DESY (Germany) and ESRF (France), designing challenging electrochemical set-ups and synchronizing them with large-scale instruments. As PI of the M-ERA.NET project CoLi-SCo and through collaborations with the German Aerospace Center (DLR), Justus Liebig University Giessen, FSU Jena and the University of Tartu, I work every day across electrochemistry, materials science and the neutron and synchrotron communities.

I have been a member of the International Society of Electrochemistry since 2004, when I began my PhD in physical and electrochemistry at the University of Tartu. I helped organize the 5th Baltic Conference of Electrochemistry (2007/2008). I then served two terms as ISE Regional Representative for Estonia (2014–2018), supporting local meetings and connecting Estonian electrochemists with the Society, an experience that taught me how much a small community gains when it feels part of something larger. As my career moved from Estonia to Germany, ISE meetings remained a constant, and in 2026 I was an invited speaker at the 42nd ISE Topical Meeting.

As Chair-Elect for Division 7, I would build bridges between the Division and the large-scale facility community. I would also foster symposia where fundamental electrochemistry, operando characterization, theory, and data science meet. I would support early-career researchers through visibility, prize nominations, and mentoring, and help bring members from less-represented regions and disciplines into the Division. My experience on the Program Committee of the LEAPS-INNOV Battery Forum, and as a lecturer at schools and workshops in Kenya, Argentina, Australia and Sweden, has shown me how much a well-designed program can open a field to new people and new ideas.

I would be glad to contribute to the Division's work and to support its members in this role.

Sincerely,

Dr. Eneli Monerjan