

Ernst Sichtermann — Candidate statement for the role of ePIC Collaboration Council Chair

If elected as Council Chair for the initial period of ePIC, I will of course commit to investing the time it takes to make this role effective in serving the Collaboration. I will aim to work with the Collaboration Council, Spokesperson, Deputy Spokesperson or persons, Executive Board, the Collaboration's Committees and Working Groups, and the Collaboration as a whole to ensure that ePIC will remain welcoming, be transparent, and increasingly engaged. As I see it, for this role and purpose, we are bootstrapping ourselves into a full collaboration; as the first and so far only EIC collaboration we are facing great responsibility as well as a pressing timeline, perhaps increasingly so. We need to be democratic, deliberate, and expedient in completing our structures, in our decision making, and in developing our plans and future. That is, my aim would be for a combination of form and function, ideally with the minimum of necessary and sufficient structures.

Biographical sketch — I am a Senior Scientist at Lawrence Berkeley National Laboratory. My research background includes low-energy electron scattering, polarized muon-nucleon deep-inelastic scattering, muon $g-2$, and polarized proton-proton scattering. This was in collaborations with group sizes of 20 to more than 600. Over the past 15+ years I have been an active proponent of a high-energy, high-luminosity, polarized Electron-Ion Collider. This included roles as co-convenor for the original (2012) EIC Community White-Paper, member of the EIC User Group Steering Group, member of the NAS committee to assess EIC science, physics co-convenor for the Yellow Report, and multiple roles within the recent proto-collaboration proposal round. Within the ePIC collaboration, most of my research attention has so far gone to the tracking and vertexing subsystem based on Monolithic Active Pixel Sensor technology.