

Samarth Deo, Chair, EPICS in IEEE

Biography: Samarth Deo works for Hitachi Energy in Sweden as an R&D Project Manager. He started his career as an R&D Software Developer and took over as R&D Manager in 2018, where he was responsible for development and maintenance of the MACH (Modular Advanced Control of HVDC) computer, which is known as the brain of HVDC (High Voltage Direct Current) control and protection system.

Samarth did his MSc. thesis on Phasor Measurement Unit in 2013 while pursuing Masters from KTH Royal Institute of Technology in Stockholm. His area of focus is Embedded Systems, with emphasis on Real Time Operating Systems and Digital Signal Processing. He joined Hitachi Energy (ABB back then) right after. His thesis work is partly used in HVDC projects around the world. In 2021, he joined in his current role, where he wears several hats during the day and is the key responsible person for R&D Operations within Grid and Power Quality Solutions worldwide.

He was selected as one of the two IEC Young Professionals to represent Sweden in 2017.

Samarth is an active IEEE member and executed the first EPICS in IEEE project in Region 10, back in 2010-2011. He is currently the Chair of EPICS in IEEE Committee and the immediate past Chair of IEEE Sweden Section. In 2015, he was awarded the “IEEE Region 8 Exceptional Young Professionals Volunteer Award.”

Abstract: The EPICS in IEEE committee helps fulfill the IEEE core purpose of fostering technological innovation and excellence for humanity. We provide funding, support, mentorship, and visibility for engineering projects in four core categories of community improvement. In this event, discover opportunities and learn how your contributions as a volunteer can make both local and global impact when you submit a proposal for community improvement in your own local area or serve as a mentor for those engaged in these service-learning

This presentation will provide an overview of how Region 7 technical professionals can leverage IEEE Educational Activities' Continuing Education Programs that offer CEU (Continuing Education Unit) and PDH (Professional Development Hours) credits.

