

Seminar: Inverter Based Resources (IBR) – An Overview

Speakers: Jay Senthil, Ph.D. (SIEMENS)

Gregory Mahlum (SIEMENS)

Time: 15 November 2024, Friday, 13:30

Location: Sevim Tan Amphitheater



Jay Senthil obtained his Ph.D in Electric Power Engineering from the Indian Institute of Technology (IIT) Kanpur. Subsequently he worked in a consulting company in India for three years performing equipment related studies. He then went on to do a post-doctoral fellowship at the University of Western Ontario, London, Ontario, Canada where he taught graduate and undergraduate courses and did research in the areas of application of FACTS devices to power system. He has over 25 years of experience in developing production grade software tools including PSS®E, and EMTP type programs and has worked extensively in various aspects of power system analysis, modeling, and simulation. Dr. Senthil is active in several working groups and industry task forces. He has also developed and taught numerous Siemens PTI courses to power system engineers around the world. He currently works with Siemens as a Senior Key Expert in the PSS®E development team based in Schenectady, New York.



Mr. Mahlum has been working on PSS®E for over 17 years starting his Junior year while pursuing his Bachelors in Computer Engineering at Union College. Initially working on the UI to add the Data Record Dialogs, he then expanded into working on Slider Diagrams and the underlying Utility Library while also working on his Masters in Power Engineering at RPI. He is now one of three Product Owners for PSS®E and his team is primarily responsible for the Utility Libraries, User Interface, and Data Management layers of PSS®E.