

Santhosh Gandla



Santhosh Kumar Gandla is the New Product Engineering Manager at Sumitomo (SHI) Cryogenics of America Inc., in Allentown, PA, USA. In his current role, he leads the R&D team to deliver innovative solutions for cryogenic applications by developing new cryogenic products, including GM cryocoolers, pulse tubes, alternate regenerator materials, helium compressors and circulating systems for major health care, semiconductor, and lab customers globally. Santhosh holds an MS in Mechanical Engineering from University at Buffalo, State University of New York. Santhosh joined Sumitomo in 2013 as a Cryogenic Engineer and has been developing several cryogenic technologies and products like helium circulating systems for superconducting magnets, 10K and 4K GM cryocoolers, reverse Brayton systems and alternate regenerator materials. Santhosh has been an active member of the community, promoting the field of cryogenics for the past decade. He has presented at numerous conferences and authored several papers published in journals on cryogenic technologies. He has performed peer-review services, served as a session chair and on program committees for cryogenic journals and conferences. He was the program cochair for the 2024 International Cryocooler Conference and currently serves on the ICC Conference's board.