

*NSF NANOSCALE SCIENCE AND ENGINEERING GRANTEES CONFERENCE:  
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**DR. KHERSHED P. COOPER, FSME**

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**Bio:** Dr. Khershed P. Cooper is a Program Director for the Advanced Manufacturing Program in the CMMI Division of the ENG Directorate at NSF. He directs basic research activities in advanced manufacturing, nanomanufacturing and associated Manufacturing USA Institutes and NSF-DFG collaborations. He is a disciplinary Program Officer for the ERCs, and a co-Program Officer for cross-cutting programs – Critical Aspects of Sustainability (CAS), CAS-Climate and CAS-SC, ECLIPSE, NNCI and AccelNet. Recently, he also served as a program officer in NSF’s Office of International Science and Engineering (OISE) on detail, where he developed collaborations with funding agencies in partner countries. Dr. Cooper is the Lead NSF representative for NSTC’s NSET Sub-committee, which frames the NNI Strategic Plan. He represents NSF for NextFlex (flexible hybrid electronics) and REMADE (circular economy) Manufacturing Innovation Institutes. Prior to joining NSF, Dr. Cooper was Program Officer for Manufacturing Science at ONR and, concurrently, a Senior Research Metallurgist at NRL. His earlier appointments were Supervisor of the Materials Research Group at Geo-Centers, Inc and Scientist II at Olin Metals Research Laboratory. Dr. Cooper received his MS and PhD from University of Wisconsin–Madison and his BTech from IIT–Bombay. He has presented over 250 invited and over 70 contributed talks at national and international conferences, meetings, and workshops. He has nearly 150 publications, edited one book and holds one patent. He has sponsored and participated in international studies in various emerging areas of advanced manufacturing. He is a Fellow of SME, for which he serves on the Award’s Committee, and a recipient of ASM International’s Burgess Memorial Award.