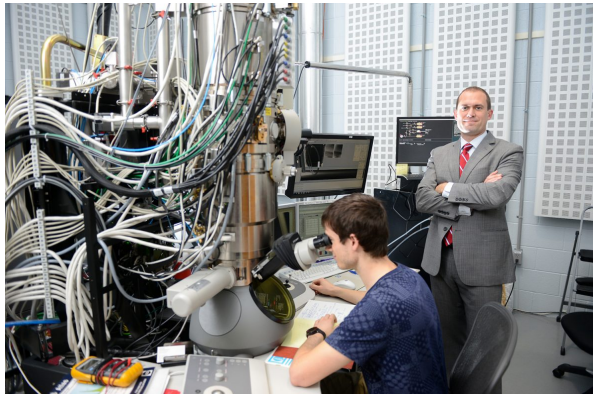
NCSU Nanofabrication Facility | Analytical Instrumentation Facility

Project Title: Development of Short Course for Wide Bandgap Power Devices in NCSU Core Facilities

Objectives: To help educate US engineers and technicians in the area of wide bandgap power devices

Major Milestones: Lab demos, lectures, and a keynote seminar focused on the potential of wide bandgap power device technology

Deliverables: A two-day short course, held three times a year at NC State University



PI: Dr. Philip Barletta
Email: pbarlet@ncsu.edu
Phone:919-513-1976

WBG Technology Impact

NNF and AIF propose to develop short course which will cover the science and technology behind wide bandgap power devices. The target participant for this short course will be professional engineers and technicians. NNF and AIF envision this short course to be an avenue to develop critical skills for wide bandgap device manufacturers and researchers, particularly in the area of power applications.

Additional impacts

NC State University has historically been one of the world's leading institutions in the field of wide bandgap semiconductors. We look forward to the opportunity to use this standing to promote workforce development and maximize US competitiveness in the area of power electronics.