

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

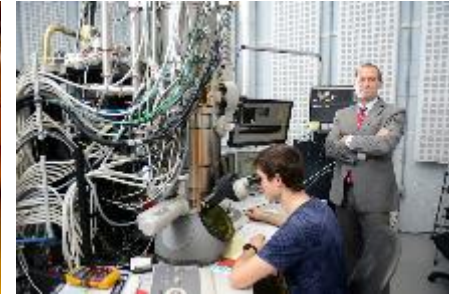
**Objectives:** To help educate US engineers and technicians in the area of wide bandgap power devices through a two-day fabrication-based short course

Task No. BP5-5.19

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.

### Accomplishments/Outcomes

NC State University will organize a two-day short course, consisting of lab demos, lectures, and a keynote seminar focused on the potential of wide bandgap power device technology. We will use this short course to help promote workforce development and maximize US competitiveness in the area of power electronics.