



## Steven Tibrea

*Savannah River National Laboratory*

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### EDUCATION

*The Ohio State University  
B.S. Electrical Engineering*

### EXPERIENCE

Mr. Tibrea is the Program Lead for developing industrial partner relationships and commercial programs with in the Advanced Manufacturing Collaborative. Steve has more than 33 years of technical and management experience in research, development, and engineering programs at the Savannah River Site. He most recently lead SRNL's Research and Development Engineering organization, which provided technical expertise in support of Environmental Stewardship and Clean Energy missions of SRNL as well as the National Nuclear Security Agency's Tritium Mission at SRS. He has lead the development and delivery of unique remote equipment for handling hazardous materials, instruments for precision nuclear measurements, cyber security systems and the development of nuclear material packages for the certified safe transport and storage of special nuclear materials.

Steve has published in the area of remote systems and robotics for hazardous environments and most recently served as the Technical Program Chair for the American Nuclear Society's 2014 meeting of the Robotics and Remote Systems Division. He also chairs the Industrial Advisory Board of the University of South Carolina's Electrical Engineering Department.

Steve is co-inventor of two patents, "Plastic Container Bagless Transfer," a way to remove and confine nuclear materials in processing facilities, and "Rapid Deployable Global Sensing Hazard Alert System," a satellite based tracking, sensing, and alerting system for monitoring personnel in disaster or other high hazard operations.