

Biography



Arupjyoti (Arup) Bhuyan

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Dr. Arupjyoti (Arup) Bhuyan is the Director of the Wireless Security Institute (WSI) and a Directorate Fellow in the Idaho National Laboratory (INL). The focus of his research is on secure implementation of future generations of wireless communications with scientific exploration and engineering innovations across the fields of wireless technology, cybersecurity, and computational science. Specific goals are to lead and focus wireless security research efforts for 5G/6G and Wi-Fi 6E/7 with national impact, to secure 5G/6G spectrum sharing with distributed scheduling, and to secure cellular communication for a nationwide unmanned aerial system.

Arup is currently the primary investigator (PI) of the 5G Threat Assessment program work in INL for the Office of the Undersecretary of Defense for Research and Engineering (OUSD R&E) in the Department of Defense (DoD). He serves as a Member of the Advisory Board in Platform for Open Wireless Data-driven Experimental Research (POWDER), in the University of Utah.

Arup has extensive industry experience in wireless communications from his work before he joined INL in October 2015. He received his Ph.D. in Engineering and Applied Sciences from Yale University. He is a senior member of IEEE.