

2022 IEEE Antennas and Propagation Society Graduate Fellowship Program

Quantum Technologies Initiative Scholarship Recipients

The IEEE Antennas and Propagation Society (AP-S) is proud to announce the selection of the recipients of the 2022 IEEE Antennas and Propagation Society Graduate Fellowship Program - Quantum Technologies Initiative Student Scholarships.

This scholarship recognizes and provides financial assistance to graduate students who show promise and interest in pursuing a graduate degree in engineering electromagnetics with a focus on quantum technologies. All recipients receive US\$5,000.

In the future, this Quantum Scholarship will be run as a part of a broader IEEE Antennas and Propagation Society Fellowship (APSF) initiative, which was launched in 2022 and will offer 48 awards annually. The APSF program supports innovative graduate and postdoctoral projects in a broad scope of interest areas within AP-S, which include quantum technologies and their applications.



Soomin Moon is currently a PhD student at Purdue University and is working on the development of quantum full-wave numerical modeling methods for quantum electromagnetic systems, with a primary focus on systems utilizing superconducting circuit qubits.



Luca Tosi is currently a PhD student at the doctoral school in Civil, Environmental and Mechanical Engineering of the University of Trento and a Senior Researcher of the ELEDIA Research Center. His research interests are in the framework of quantum computing methodologies as applied to antenna arrays and electromagnetic inverse scattering, the development of enabling technology and approaches for the smart electromagnetic environment and the synthesis of phased array antennas.



Luqi Wang is currently a PhD student at University of California, Davis and is working on the development of terahertz and far-infrared sources based on Cherenkov radiation in drift-biased artificial media.



Jay A. Berres is currently a PhD student at the University of Wisconsin-Milwaukee and is working on quantum entanglement enhancement in non-reciprocal environments.