

National Spectrum Consortium Announces Annual Dr. Vanu Bose Best Paper Awards *Awards given at the 2022 IEEE Military Communications Conference*

ROCKVILLE, MD -- The [National Spectrum Consortium](#) honors founder Dr. Vanu Bose by awarding grants to IEEE scholars at the [2022 IEEE Military Communications Conference \(MILCOM\)](#).

Named in honor of the National Spectrum Consortium's founder, the Dr. Vanu Bose Best Paper Awards recognize IEEE members whose research papers advance and promote innovative spectrum-related policy. The winners are:

- **Dohyun Kim** (University of Texas at Austin), **Miguel R. Castellanos** and **Robert W. Heath Jr.** (North Carolina State University) for their paper, "Joint Beam Management and Relay Selection Using Deep Reinforcement Learning for MmWave UAV Relay Networks"

This year marks the fifth anniversary of Dr. Vanu Bose's passing. The NSC is committed to continuing Dr. Bose's legacy by honoring research that uses technology to advance the greater good.

"On behalf of the NSC, we congratulate this year's award recipients," said NSC Chairman Salvador D'Itri. "Vanu was an innovator in wireless communications with a passion for creating new wireless technologies to connect the unconnected. His vision at that first NSC meeting took root and has grown into a consortium of over 400 companies with over \$1 billion of new wireless innovation in spectrum, 5G and beyond through our government and private industry partnerships. We are honored to present these awards in his memory."

"Innovation was a foundational principle at the heart of Vanu's career as both an engineer and a businessman. I know he would be excited and inspired by the work of Dohyun, Miguel and Robert. On behalf of the Bose family, I would like to thank these scholars as well as the National Spectrum Consortium for honoring innovative work that will make a difference in the world." Said Dr. Judith Bose, Vanu's wife.

More information on Dr. Vanu Bose's legacy can be found [here](#).

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About the National Spectrum Consortium

The NSC's mission is to build bridges between key stakeholder groups -- government and industry; industry stalwarts and startups; and civilian and military suppliers and users -- to deliver two essential outcomes: breakthroughs in spectrum- and spectrum-using capabilities; and policy and regulatory insights to enhance, inform and sustain U.S. technical leadership. For more information, visit www.nationalspectrumconsortium.org.

Contact

Katelin Murray

kmurray@glenechogroup.com