Member Spotlight: Dr. Chennupati Jagadish

Awarded Boas Medal from the Australian Institute of Physics

Dr. Chennupati Jagadish, IEEE Photonics Society (IPS) VP Finance & Administration and Australian Laureate Fellow & Australian National University Professor, has been awarded a Boas Medal from the Australian Institute of Physics.

Boas Medal Citation reads:
"For contributions to the fields of compound semiconductor optoelectronics and nanotechnology. His seminal research work in areas such as innovative materials growth, exploitation of new physics in these new materials, novel semiconductor processing to the fabrication of state-of-the-art optoelectronic devices are truly world-leading, as demonstrated by his outstanding publication record in highly prestigious international journals.“

Jagadish received the B.Sc. degree from Nagarjuna University, Guntur, India in 1977, M.Sc degree from Andhra University, Waltair, India in 1980 and the M.Phil. and Ph.D. degrees from the University of Delhi, India in 1982 and 1986, respectively. He was a Lecturer in Physics and Electronics at S.V. College, University of Delhi, during 1985-88 and worked at Queen’s University, Kingston, Canada, during 1988-90 as a post-doctoral research fellow. He moved to Australia in 1990 and established a major research program in the field of optoelectronics and nanotechnology.

Jagadish has published more than 780 research papers (520 journal papers), 5 US patents assigned, co-authored a book, co-edited 4 books, guest edited 10 special issues of journals and edited 12 conference proceedings. Jagadish has also received various high-standing awards from IEEE, the IEEE Electron Devices Society and the IEEE Photonics Society throughout his professional and academic career. He presently is an IEEE Fellow and serves on several IEEE designated leadership boards and councils, such as the IEEE Photonics Society Board of Governors and the IEEE Nanotechnology Council.

Jagadish is currently a Distinguished Professor and Head of Semiconductor Optoelectronics & Nanotechnology Group in the Department of Electronic Materials Engineering, Research School of Physical Sciences and Engineering at Australian National University. Forbes India named Jagadish as one of the “18 Indian Minds Who Are Doing Cutting Edge Work”. He serves as Director of the Australian National Fabrication Facility, ACT node and Convenor of the Australian Nanotechnology Network, while holding honorary positions at University of Tokyo, Anna University and Nanjing University. Jagadish also serves as Vice-President and Secretary Physical Sciences of the Australian Academy of Science. His research interests include compound semiconductor optoelectronics and nanotechnology.

Please join us in congratulating Dr. Chennupati Jagadish for this high honor!