

Name:

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Introduce yourself in a brief paragraph:

Professor Jagadish is a Distinguished Professor, Australian Laureate Fellow and Head of Semiconductor Optoelectronics and Nanotechnology Group at the Australian National University, Canberra. He is also Director (ACT Node) of the Australian National Fabrication facility and Convener of the ARC Nanotechnology Network. His research expertise is in compound semiconductor materials science, optoelectronics, photovoltaics and nanotechnology. He has published 600 refereed papers (400 journal papers) and his work is well cited. He authored a book, edited 2 books and edited 12 conference proceedings. He won IEEE Third Millennium Medal, IEEE Distinguished Lecturer award of Electron Devices Society, Lasers and Electro-Optics society and Nanotechnology Council. He received Peter Baume award from the ANU and Federation Fellowship from the ARC. He served as President of the IEEE Nanotechnology Council, Vice-President of IEEE Lasers and Electro-Optics Society and elected AdCom member of IEEE Electron Devices Society. He is serving as an Editor of IEEE Electron Device Letters, Progress in Quantum Electronics and serves on editorial boards of 12 other journals. He advises high tech industries in Australia and overseas. He is serving on peer review colleges of funding bodies in 10 countries. His students and post-docs are in leading positions in academia, industry and Government. He has collaborated and co-authored papers with scientists from 20 countries. He chaired many conferences and serves on advisory and program committees of many conferences and he has given more than 80 invited/plenary/keynote talks and distinguished lecturer seminars in North America, Europe and Asia-Pacific. He is a Fellow of the Australian Academy of Science, Australian Academy of Technological Sciences and Engineering, IEEE, American Physical Society, Materials Research Society, Optical Society of America, Electrochemical Society, American Vacuum Society, American Association for Advancement of Science, Institute of Physics, Institution of Engineering and Technology, Institute of Nanotechnology and Australian Institute of Physics.