

Dr. Harry E. Ruda

Independent Director

Dr. Harry E. Ruda became an Independent Director of Canadian Solar in July 2011. Dr. Ruda currently serves as Director of the Centre for Advanced Nanotechnology, the Stanley Meek Chair in Nanotechnology and Professor of Applied Science and Engineering at the University of Toronto, Canada. He obtained his PhD in semiconductor physics from MIT in 1982. From 1982 to 1984, he developed one of the first theories for electron transport in selectively doped two dimensional electron gas heterostructures, while working as an IBM post-doctoral fellow. From 1984 to 1989, he was a senior scientist at 3M Corporation, developing some of the first models for electronic transport and optical properties of wide bandgap II-VI semiconductors. Dr. Ruda joined the faculty of the University of Toronto in 1989 in the Material Science and Engineering and Electrical and Computer Engineering Departments.

His research interests focus on the fabrication and modeling of semiconductor nanostructures with applications in the fields of optoelectronics and sensing. Dr. Ruda is one of the founders of a Canadian National Centre of Excellence in Photonics. He has served on the National Science and Engineering Council of Canada and on other government panels, including those of the DOE, EPA and NSF in the United States and the RAE and EPSRC in the UK. Dr. Ruda is a Fellow of the Royal Society of Canada.