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Arokia Nathan is a leading pioneer in the development and application of flat panel technologies to flexible electronics and sensor systems. Following his PhD in Electrical Engineering, University of Alberta, Canada in 1988, he had post-doctoral years at LSI Logic Corp., USA, and Institute of Quantum Electronics, ETH Zurich, Switzerland. He subsequently joined the University of Waterloo, Canada, where he held the DALSA/NSERC Industrial Research Chair in sensor technology and then the Canada Research Chair in nano-scale flexible circuits. He was a recipient of the 2001 NSERC E.W.R. Steacie Fellowship. In 2006, he moved to the UK to take up the Sumitomo Chair of Nanotechnology at the London Centre for Nanotechnology, University College London, and subsequently held the Chair of Photonic Systems and Displays in the Department of Engineering, Cambridge University, where he led a multi-disciplinary research group working on the heterogeneous integration of materials and processes, sensors, energy harvesting and storage devices pertinent to wearable technologies. He is currently a Bye-Fellow and Tutor at Darwin College, University of Cambridge and a Director of Cambridge Touch Technologies, a company spun out of his lab at the University of Cambridge developing advanced interactive technologies. He received the Royal Society Wolfson Research Merit Award and the BOE Distinguished Contribution Award for TFT Compact Modeling and Circuit Design, and recently the 2020 IEEE EDS JJ Ebers Award. He has published over 600 papers in the field of sensor technology, CAD, thin film transistor electronics, and is a co-author of four books. He has over 110 patents filed/awarded and has founded/co-founded four spin-off companies. He serves on technical committees and editorial boards in various capacities. Dr. Nathan is a Chartered Engineer (U.K.), Fellow of the Institution of Engineering and Technology (UK), Fellow of IEEE (USA), and a Distinguished Lecturer with the IEEE Electron Device Society and Sensor Council.