

Materials and devices for the renewable synthesis of fuels and feedstocks



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Ted Sargent is a University Professor in the Edward S. Rogers Sr. Department of Electrical and Computer Engineering at the University of Toronto. He holds the Canada Research Chair in Nanotechnology and serves as Vice President – International for the University of Toronto. He is founder and CTO of InVisage Technologies and a co-founder of Xagenic Inc. He is a Fellow of the Royal Society of Canada; a Fellow of the AAAS "...for distinguished contributions to the development of solar cells and light sensors based on solution-processed semiconductors;" and a Fellow of the IEEE "...for contributions to colloidal quantum dot optoelectronic devices." He is Fellow of the Canadian Academy of Engineering for "...ground-breaking research in nanotechnology, applying novel quantum-tuned materials to the realization of full-spectrum solar cells and ultra sensitive light detectors. The impact of his work has been felt in industry through his formation of two start-up companies." He received the B.Sc.Eng. (Engineering Physics) from Queen's University in 1995 and the Ph.D. in Electrical and Computer Engineering (Photonics) from the University of Toronto in 1998.