

Before joining Purdue University's Elmore School of Electrical and Computer Engineering in 2010, Zhihong Chen was a research staff member at the IBM T.J. Watson Research Center. In 2008, she assumed the role of Manager for IBM's Carbon Technology Group, leading initiatives in the exploration and development of carbon-based technologies for commercial use. At Purdue, Chen's research focuses on the design and fabrication of novel materials, devices, and circuits for beyond-CMOS applications and novel computing schemes. Her leadership includes serving as the director of the SRC nCORE NEW LIMITS Center, a collaborative, multi-university initiative dedicated to 2D materials research. Since 2023, Chen has held the position of the Mary Jo and Robert L. Kirk Director of the Birck Nanotechnology Center. She served as the Technical Program Chair for the 2020 Device Research Conference and as its General Chair in 2021. She also served as the Program Chair and later as the General Chair for the International Interconnect Technology Conference since 2022. She is an IEEE Fellow for her contributions to the understanding and applications of low-dimensional nanomaterials.

