



Dongmin Chen, PhD
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陳東敏博士简介

陳東敏博士是北京大學千人學者，產業技術研究院院長，科技開發部部長，先進交叉學科研究院 教授。曾在美國哈佛大學任量子器件物理研究室主任十五年，之後擔任過中國科學院物理研究所 / 北京凝聚態物理國家實驗室主任，蘇州技術研究院的創始人和執行院長。 陳東敏博士是美國矽谷 4-D-S 公司的首席科學家，核心技術發明人；曾擔任過美國美新半導體公司的首席戰略官及工程研發副總裁；是美國矽谷 Miradia Inc 公司創始人和董事 CT0，為該公司融資 8 千多萬美元，開發併審理了 200 多件 MEMS 技術專利，成功授權於全球半導體製造之王 TSMC。陳東敏博士在國際著名科學雜誌發表的文獻有 70 多篇，擁有 100 多件國際專利； 是美國應用物理周刊副主編，中國科學通報行政副主編。 陳東敏博士是美國矽谷華美半導體協會前會長和資深顧問。

Dr. Chen is the Dean of School of Innovation and Entrepreneurship, and a tenured full professor in the Faculty of Academy for Advanced Interdisciplinary Studies, Peking University, since Sept of 2011.

Dr. Chen was an adjunct Professor of the Institute of Physics, Chinese Academy of Sciences where he served as the co-director of the Beijing National Laboratory for Condensed Matter Physics from 2004 to 2009. Before that he was a Sr. Rowland Fellow and the Head of the Nanoscale Quantum Physics Lab. of Rowland Institute at Harvard University where he worked from 1989 to 2004, where he led the development of two generations of low temperature scanning tunneling microscope. His academic expertise includes nanotechnologies and advanced semiconductor process integrations, nonvolatile material and device physics, MEMS device and process, MEMS-CMOS integration; spin and quantum device physics. He co-authored more than 70 scientific publications and 200 US and international patents.

Dr. Chen is an Associate Editor and board member of *Applied Physics letter* and *Journal and Applied Physics*; a Sr. Associate Editor of *Chinese Science Bulletin* and an Associate Editor of *Chinese Physics Letter*.

Dr. Chen co-founded Miradia Inc. in Silicon Valley in 2003 where he raised 80M USD from tier-1 venture capitals and led the development of a platform technology for MEMS-CMOS 3D integration for applications in digital micro-mirror array and motion sensors, and successfully licensed company's patent portfolio to a major foundry in Asia.

Dr. Chen is the Chief Scientist of 4DS Inc. He is the inventor of the Metal Oxide Heterojunction RRAM device.

Dr. Chen is the Board of Director, Sr. Advisor and former Chairman & President, of Chinese American Semiconductor Professional Association (CASPA).