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**Prof. Yifang Chen**

(Fudan University, China)



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Prof. Yifang Chen, B.Sc (Fudan University), M.Sc (SITP), D.Phil (University of Oxford), received his D.Phil degree in 1995 in Condensed Matter Physics in Oxford. He was a postdoctoral researcher in Delft University of Technology (1994-1996), Nanyang Technological University (1996) and University of Glasgow (1997-2002). He became a senior and then principal scientist in Rutherford Appleton Laboratory (2003-2012), visiting professor in École Polytechnique Fédérale de Lausanne (2010) and visiting senior scientist in National Physical Laboratory, UK (2016-2019). In 2012 he joined Fudan University through national high-end talent plan and received a special government allowance of the State Council in 2018. Dr. Yifang Chen has been dedicated in nanofabrication and applications since 1990, spanning electron beam lithography/nanoimprint lithography/dry-etch for nano-photoelectronic devices and chips, high electron mobility transistors (HEMTs), X-ray micro-optics, metasurface and nanophotonics, etc. Especially in the development of X-ray lenses for X-ray microscopes, he has led his research team achieve successes in manufacturing of key components and has developed a novel Kinoform lens with 15 nm resolution and high efficiency, which marks his research in the world leading position. He has published over 150 SCI papers and awarded 10 national patents in nanotechnology area. He is the associate editor of *Microelectronic Engineering* (Elsevier) and remote referee of European Research Council (ERC).