

Curriculum Vitae

Jie Tian, PhD

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Education

B.E., 1982, Dept. of Math., Anhui Normal Univ., P. R. China

M.S., 1987, Dept. of Math., Northwest Univ., P. R. China

PhD, 1992, AI Lab., Institute of Automation, Chinese Academy of Sciences, P. R. China

Postdoctor, 1996, Medical Image Processing Group, University of Pennsylvania

Research Interests

- Medical Image Process and Analysis
 - Computational Brain Imaging
 - Computer Graphics and Visualization
 - Biometrics
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Appointments

Assistant, Dept. of Math., 1982-1984, Anhui Normal University, China

Lecturer, Dept. of Computer Science, 1987-1990, Northwest University, China

Associate Professor, 1992-1995, Institute of Automation, Chinese Academy of Sciences

Professor, 1997-Present, Institute of Automation, Chinese Academy of Sciences

Guest Professor of Northwest Univ. China, Beijing Normal Univ., etc.

Chairman of the Board of Beijing Digiark Information Co. Ltd, from Dec.1999-2013

Active Grants

- The Special Project of National Major Scientific Instrument and Equipment Development (2013-2017)
 - Projects of Development Plan of the State Key Fundamental Research (973 project) (2006-2010,2011-2015)
 - Several projects of National Natural Science Foundation of China (2008-2011)
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Journal Editorship/Reviewership

- Fellow of the International Association of Pattern Recognition (IAPR), 2014
 - Fellow of American Institute for Medical and Biological Engineering (AIMBE), 2014
 - Fellow of the International Society for Optics and Photonics (SPIE),2013
 - Fellow of International Institute of Electrical and Electronics Engineers (IEEE), 2010
 - Fellow of the International Academy of Medical and Biological (IAMBE), 2011
 - Academic Editor of PLOS ONE 2013
 - Associate Editor of IEEE Transactions of Medical Imaging, 2015
 - Associate Editor of IEEE Transaction on Biomedical Engineering, 2012
 - Founding associate Editor of IEEE Journal of Biomedical and Health Informatics,2013
 - Associate Editor of International Journal of Biomedical Imaging, 2006
 - Member of Editorial Board of Journal of X-ray Science and Technology ,2005
 - Member of Editorial Board of Chinese Journal of Software, 2003
 - Member of Editorial Board of Chinese Journal of Computer, 2009
 - Member of Editorial Board of Science in China Series *F: Information Sciences* , 2009
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Awards and Honors

- Ho Leung Ho Lee Prize for Scientific and Technological Progress (2012)
- National Science & Technology Award (2003,2004,2010,2012)
- Educational Ministry Science &Technology Progress Award (2011)
- Beijing Science & Technology Award (2010, 2014)
- Beijing Science & Technology Advance Award (2002,2003)
- Top Ten Science & Technology Advance of CT in Asia (1998).

Resume in brief

Jie Tian received the Ph.D degree (with honor) in artificial intelligence from the Institute of Automation, Chinese Academy of Sciences in 1992. During the years 1995 to 1996, he was a postdoctoral fellow at the medical image processing group, university of Pennsylvania. Since 1997, he has been a professor in the artificial intelligence lab of the Institute of Automation, Chinese Academy of Sciences. His research interests are in the medical image process and analysis, pattern recognition. He has published more than 200 research papers in peer-reviewed journals and served as a technical reviewer for several IEEE publications, such as IEEE TMI, TPAMI, TIP, IJBHI (TITB), and TBE. Due to the research and development of the 3D medical imaging processing and analyzing system (3DMed), he won the National Award for Progress in Science and Technology in 2003, and also won the National Award for Progress in Science and Technology in 2004 for the system and application of fingerprint recognition, and he is also a winner of the 2010 National Award for the Technological Invention of the imaging method and system for small animal multimodality optical molecular imaging, and he won the 2012 National Award for the Technological Invention for the algorithm and system of fingerprint encryption. He also won the Prize for Scientific and Technological Progress of Ho Leung Ho Lee Foundation in 2012. Dr. Tian is also the Fellow of the IEEE (International Institute of Electrical and Electronics Engineers), AIMBE (American Institute for Medical and Biological Engineering), IAMBE (International Academy of Medical and Biological Engineering), IAPR (International Association for Pattern Recognition), SPIE (International Society for Optical Engineering) and Beijing Chapter Chairman of IEEE Engineering in Medicine and Biology Society (EMBS) and deputy director of China Automation Recognition Society.

For more information about Dr. Tian, please visit his website <http://www.mitk.net.cn/tian>