

Curriculum Vitae of Gang Tian

Born: November 24, 1958, Nanjing, China

Citizenship: Chinese

Professional address: School of Mathematical Sciences, Peking University, Beijing, China

E-mail and Phone: gtian@math.pku.edu.cn, 86-13611155809

Education

Ph.D. in Mathematics, Harvard University, 1988

M. S. in Mathematics, Peking University, China, 1984

B. S. in Mathematics, Nanjing University, China, 1982

Research Interests

Differential and Symplectic Geometry, Geometric Analysis, Differential Equations,

Positions

1988-1990, Assistant Professor, Princeton University

1990-1991, Associate Professor, SUNY, Stony Brook

1991-1992, Associate Professor, Courant Institute, NYU

1992-1996, Professor, Courant Institute, NYU

1996-2006, Simons Professor of Mathematics, MIT, Cambridge, USA

2003-2009, Professor, Princeton University

2009-2017, Higgins Professor of Mathematics, Princeton University

2005- , Director, Beijing International Center for Mathematical Research

2010- , Distinguished Professor, Peking University

2013-2017, Dean of School of Mathematical Sciences, Peking University

2016- , Vice-President of Chinese Mathematical Society

2017- , Vice-President of Peking University

Selected Services

Currently editor for *Acta Mathematica Sinica* (since 1998),

Geometry and Topology (since 1998), *Communication in Contemporary Mathematics* (since 1998), *Advances in Mathematics* (since 2000), *Journal of Geometric Analysis* (2002), *Annali-I della Scuola Normale* (since 2002), *Annals of Mathematics* (since 2007).

Served on Centennial Fellowship Committee (1995-1997), Scientific Panel of Pacific Institute for Mathematical Sciences (1996-2010), AMS Veblen Prize Committee (2000-2001), Program Committee for ICM 2002, Scientific Committee of Pure and Applied Math. Institute (2002-2008), Scientific Panel of Banff Intern. Station for Math. (2001-2004), Geometry Panel for ICM 2006 (chair), Advisory Board for the Tianyuan fund of National Science Foundation in China (2006-2012), Scientific

Committee of Simons Center for Geom. and Phys. (2010-2014), AMS Steele Prize Committee (2012-2015), Abel Prize Committee, Norway (2012-2014).

Currently serve on the Advisory board for Special Professorship of Ministry of Education in China (since 2004), Scientific Council for ICTP, Trieste (since 2010).

Awards and Memberships

19th Alan Waterman Award, 1994, USA

Oswald Veblen Prize, 1996, American Mathematical Society

Elected to Chinese Academy of Sciences, 2001

Elected to American Academy of Arts and Sciences, 2004

Special National Expert of the 1000-program in China, 2010- .

Selected Lectures

Invited Lecture at ICM 1990 (Kyoto, 1990), Bergman Memorial Lecture (Stanford, 1994), Courant Lecture (NYU, 1996), Nachdiplomvorlesung Lectures (ETH, 1997), Andrejewski Lectures (Gottingen, 1999), Ellenberg Lecture (Columbia Univ., 2001), Plenary Lecture at ICM 2002 (Beijing, 2002), Unni Namboodiri Lectures (Chicago, 2004), M. Morse Lecture, (IAS, Princeton, 2004), Gergen Lecture (Duke, 2006), (University Lecture (WISC, Madison, 2007), Distinguished Lecture (IMPA, 2007), Rainish lecture (UM, 2008), Leonardo de Vinci Lecture (Milan, Italy, 2008), Journee de Rham of Swiss Math. Soc. (Lausanne, 2008), F. Klein Lecture (Bonn, 2009), The D'Atri Memorial Lecture (Rutgers, 2010), Aisenstadt Chair Lecture (CRM, Canada, 2013), Takagi Lectures (Kyoto, 2014), Landau Lectures (Hebrew Univ. 2014), Marker Lecture (PSU, 2015).

Brief Statement

I am willing to serve as a member of the Executive Committee for the International Mathematical Union. Throughout my academic career, in parallel to my own research, I have devoted time to serving our mathematical community, including student-advising, verifying Perelman's solution for the Poincaré conjecture, journal-editing, and committee works.

My research works cover many areas in mathematics. I have a broad view in mathematics and its interaction with other sciences. I have worked with people from both developed and developing countries, I have worked objectively as an editor and on many committees. Since last year, I have been the Vice-President of Peking University, in charge of international relations, which has offered me international contacts which may be useful to the EC if I am elected. With these qualities and experiences, I will be able to provide the assistance and services needed for the various tasks and jobs of IMU.