CURRICULUM VITAE

Shing-Tung Yau (丘成桐)

ADDRESS: William Caspar Graustein Professor of Mathematics
Department of Mathematics
Harvard University
Cambridge, MA 02138, U.S.A.

BORN: Shantou, Guangdong, China, April 4, 1949

EDUCATION: Ph.D., Mathematics, University of California, Berkeley, 1971

HONORARY DEGREE:

13 June 2017	Doctor of Science, University of Alberta, Canada
11 May 2014	Doctor of Humane Letters, University of Illinois at Chicago
17 June 2011	Doctor of Mathematics, University of Waterloo, Canada
5 June 2010	Doctor of Science, National Cheng Kung University
18 May 2009	Doctor of Science, Lehigh University
15 Nov 2005	Doctor of Science, National Taiwan University.
22 May 2005	Doctor of Science, Polytechnic University in Brooklyn, New York
12 Nov 2004	Doctor of Science, Hong Kong University of Science and Technology
9 July 2004	Doctor of Science, National Central University
21 March 2003	Doctor of Science, Zhejiang University.
16 Oct 2002	Doctor of Science, Macau University
24 June 2000	Doctor of Science, National Tsing Hua University, Taiwan
June 1997	Doctor of Science, National Chiao Tung University, Taiwan
Sept. 1987	Master of Arts, Harvard University
Dec. 1980	Doctor of Science, The Chinese University of Hong Kong

RESEARCH INTERESTS:

Differential Geometry, Differential Equations and General Relativity

POSITIONS:

2015 – Present	Director, Yau Mathematical Sciences Center, China
Feb.2014 - present	Director of the Center for Mathematical Sciences and Applications, Harvard University
July 2013 - present	Professor of Physics, Harvard University
2008- 2012	Chair of Department of Mathematics, Harvard University
2003 - Present	Distinguished Professor-at-Large, The Chinese University of Hong Kong
2000 - Present	William Caspar Graustein Professor of Mathematics, Harvard University
2009 - 2015	Director of the Mathematical Sciences Center, Tsinghua University, China
2002 - Present	Director of the Centre of Mathematical Sciences at the Zhejiang University
1996 - Present	Director of the Morningside Center of Mathematics at Chinese Academy of Sciences
1994 - Present	Director of The Institute of Mathematical Sciences, The Chinese University of Hong Kong
1987 - Present	Professor of Mathematics, Harvard University
1997 - 2000	Higgins Professor of Mathematics (Chair Professor), Harvard University
1994 - 2003	Adjunct Professor of Mathematics, The Chinese University of Hong Kong.
1984 - 1987	Chancellor Associate Chair and Professor of Mathematics, University of California, San Diego
1979 - 1984	Professor of Mathematics, Institute for Advanced Study, Princeton University
1974 - 1979	Professor of Mathematics, Stanford University
1972 - 1973	Assistant Professor of Mathematics, State University of New York, Stony Brook
1971 - 1972	Member of the School of Mathematics, Institute for Advanced Studies, Princeton University.

VISITING PROFESSOR:

Apr.-May 2007	Visiting University of California, Los Angeles
Jan-Mar. 2007	Visiting University of California, Irvine
Jan-Jun 2002	Gordon Moore Visiting Professor, Department of Mathematics, California Institute of Technology
1999	Samuel Eilenberg Visiting Professor, Department of Mathematics, Columbia University
1996	John Harvard Fellow, Issac Newton Institute for Mathematical Sciences and Faculty of Mathematics, University of Cambridge, U.K.
1991 - 1992	Special Chair, Department of Mathematics, National Tsing Hua University, Taiwan
1991 - 1992	Wilson T.S.Wang Distinguished Visiting Professor, Department of Mathematics, The Chinese University of Hong Kong
Sept. 1990	Distinguished Visiting Professor, Department of Mathematics, State University of New York, Stony Brook
1989	Sherman Fairchild Distinguished Visiting Scholar, Department of Mathematics, California Institute o Technology
Fall 1986	Sid Richardson Centennial Chair in Mathematics and Visiting Professor, Department of Mathematics University of Texas at Austin

ADDITIONAL AFFILIATIONS:

2009 – present	Honorary Professor, Wuhan University
2009 – present	Honorary Professor, Hunan Normal University
2009 – present	Honorary Professor, North University of China
2009 – present	Honorary Professor, Northwest University
2006 – present	Honorary Professor, Huazhong University of Science and Technology
2002 – present	Honorary Professor, Zhejiang University
1999 – present	Honorary Professor, University of Science and Technology of China
1998 – present	Honorary Professor, Beijing University
1993 – present	Honorary Professor, Nankai University
1987 – present	Honorary Professor, Tsinghua University, Beijing
1987 – present	Honorary Professor, Hangzhou University
1983 – present	Honorary Professor, Fudan University
1983 – present	Honorary Professor, Chinese Academy of Sciences

AWARDS and FELLOWSHIPS:

July2018	**MG15 Award (The Fifteenth Marcel Grossmann Award)**
2010	The Wolf Prize
2010	AAEOY Distinguished Science & Technology Award
2003	2003 International Scientific and Technological Cooperation Award
1997	National Medal of Science, U.S.A
1994	Crafoord Prize, The Royal Swedish Academy of Sciences
1991	Humboldt Research Award, The Alexander von Humboldt Foundation, Germany
1985	John D. and Catherine T. MacArthur Fellowship
1984	One of America's 100 brightest scientists under 40, *Science Digest*
1982	Fields Medal, International Congress of Mathematicians
1981	The John J. Carty Award for the Advancement of Science, National Academy of Sciences, U.S.A.
1981	The Oswald Veblen Prize in Geometry, American Mathematical Society
1980	John Simon Guggenheim Fellowship
1979	California Scientist of the Year, California Science Center
1975 - 1976	Alfred P. Sloan Fellow

MEMBERSHIPS:

Jan 2013	Fellow, American Mathematical Society
18 May 2009-30Jun2019	Fellow, Morningside College, The Chinese University of Hong Kong.
2009	Member of the Selection Committee for Distinguished Research Achievement Award (DRAA) of the University of Hong Kong
2008	Foreign Member, Indian National Academy of Science.
2005	Foreign Member, National Academy of Lincei, Italy
July 2005	Member of the Overseas Expert Consultant Committee of Overseas Chinese Affairs Office of State Council.
2003	Foreign Member, Russian Academy of Sciences
1995	Foreign Member, Chinese Academy of Sciences
1993	Member, National Academy of Sciences, U.S.A.
1993	Fellow, American Association for the Advancement of Science
1990 -1992	Member-at-Large, Council of the American Mathematical Society
1989	Member, Scientific Advisory Council, Mathematical Sciences Research Institute
1989	Member, Board of Mathematical Sciences, National Academy of Science, U.S.A.
1985	Member, American Physical Society
1985	Member, Society for Industrial and Applied Mathematics, U.S.A
1984	Academician, Academia Sinica, Taiwan
1983	Fellow, New York Academy of Sciences
1982	Member, American Academy of Arts and Sciences
1980	Honorary Member, Academic Committee, Institute of Mathematics, Chinese Academy of Sciences, Beijing
1971	Member, American Mathematical Society

EDITORSHIPS:

Present	Editorial Boards, Editor, American Journal of Mathematics
2007 - present	Editors-in-Chief, Communications in Number Theory and Physics
2005 - present	Editors-in-Chief, Pure and Applied Mathematics Quarterly
2004 - present	Editor-in-Chief, Dynamics of Partial Differential Equations
2001 - present	Honorary Editor, Communications in Information and Systems
1997 -	Editorial Boards, Editor, Journal of Mathematical Physics
1997 - present	Editor-in-Chief, Advances in Theoretical Mathematics and Physics
1997 - present	Editor-in-Chief, Asian Journal of Mathematics
1994 - present	Editor-in-Chief, Methods and Application of Analysis
1994 -	Editorial Boards, Editor, Advances in Mathematics
1993 - present	Editorial Boards, Editor, Mathematical Research Letters
1993 - present	Editorial Boards, Advisor, Communications in Analysis and Geometry
1993 - present	Editorial Boards, Advisor, Methods and Applications of Analysis
1982 - 1999	Editor, Communication in Mathematical Physics
1981 - 1988	Editor, Inventiones Mathematicae
1980 - present	Editor-in-Chief, Journal of Differential Geometry

INVITED LECTURESHIPS:

Mar.21-23,2016	A. Everett Pitcher Lecture, Lehigh University
Nov.28-29,2015	The 16th Takagi Lectures, The University of Tokyo, Japan.
May 18,2015	30th Shanks Lecture, Vanderbilt University
Oct. 5, 2012	The Edmund R. Michalik Distinguished Lecture Series, University of Pittsburgh

Jan. 17, 2012	2012 McKnight-Zame Distinguished Lecture at University of Miami
Jan. 20-21, 2011	The Fields Institute Distinguished Lecture Series at University of Toronto
Jul. 13, 2010	Distinguished Applied Math. Lecture at National Chiao Tung University
Jul. 11, 2010	2010 NCTS International Conference on Several Complex Variables and Complex Geometry" at the National Center for Theoretical Sciences, Taiwan
Jun. 2010	Workshop "Geometric Analysis and General Relativity" at The Banff International Research Station for Mathematical Innovation and Discovery (BIRS), Canada
Nov.10, 2009	Invariants in Algebraic Geometry at The University of Tokyo, Japan
Sept. 7-8, 2009	Keynote Speaker for the 13th IMA Conference on The Mathematics of Surfaces at York, England.
Jun. 30, 2009	Distinguished Lecture Series Conference at Taida Institute for Mathematical Sciences
Jun. 18, 2008	IFTP Trieste
May 30, 2008	Scientist Forum at Yunnan, China
May 21, 2008	80th Hirzebruch Conference, Bar Ilan University, Tel Aviv Israel
Mar.11, 2008	IPMU Opening Symposium
Dec. 26, 2007	Indian Mathematics Society
Dec.17-22, 2007	International Congress of Chinese Mathematicians
Aug. 27-31 2007	Geometrie differentielle, Physique mathematique, Mathematiques and societe, IHES France
May 2007	Distinguished Lecture Series (DLS) 2006-2007 at UCLA.
Jan. 2006	Brauer Lectures, The University of North Carolina at Chapel Hill.
2005	String 2005, Fields Institute, Toronto
May - Jun. 2005	Andrejewski Lectures, Gottingen, Germany
Sep.-Dec. 2004	Eilenberg Lectures, Department of Mathematics, Columbia University.
May 2004	Bloomberg Lecture, University of Texas at Austin.
2003	Distinguished Lecture Series, Department of Mathematics, University of California, LA
Oct. 2003	Andre Aisenstadt Chair Lecture Series, Department of Mathematics, University of Montreal
1999	Hans Rademacher Lecture, Department of Mathematics, University of Pennsylvania
1999	Stefan Bergman Lecture, Department of Mathematics, Stanford University
1998	Run Run Shaw Distinguished Lecture, The Chinese University of Hong Kong
1997	Rufus Bowen Lecture, Department of Mathematics University of California,Berkeley
1988	American Mathematical Society Colloquium
1983	James K. Whittemore Lecture, Department of Mathematics, Yale University
1982	Alexander Ziwet Lecture, Department of Mathematics, University of Michigan, Ann Arbor
1982	International Mathematical Union Lecture, Zurich, Switzerland
1981	The 33rd British Mathematical Colloquium, London Mathematical Society
1979	Milton Brockett Porter Lecture, Department of Mathematics, Rice University
1978	International Congress of Mathematicians, Plenary Speaker, Helsinki, Finland