

CURRICULUM VITAE

Shing-Tung Yau (丘成桐)

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Shatin, Hong Kong

BORN: April 4, 1949 Shantou, Guangdong, China

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

HONORARY DEGREE: Nov. 2005 *Doctor of Science*, National Taiwan University.
May 22, 2005 *Doctor of Science*, Polytechnic University in Brooklyn, New York
Nov 2004 *Doctor of Science*, Hong Kong University of Science and Technology
July 2004 *Doctor of Science*, National Central University
2002 *Doctor of Science*, Macau University
2000 *Doctor of Science*, National Tsing Hua University, Taiwan
1997 *Doctor of Science*, Chao Tung University, Taiwan
1987 *Master of Arts*, Harvard University
1981 *Doctor of Science*, The Chinese University of Hong Kong
Mar. 2003 *Doctor of Science*, Zhejiang University.

RESEARCH INTERESTS: Differential geometry, differential equations and general relativity

POSITIONS:

Oct.03 -present Distinguished Professor-at-Large, The Chinese University of Hong Kong.
2000 - present William Casper Graustein Professor of Mathematics, Harvard University
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 – Sept.03 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:

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
 1990 September Distinguished Visiting Professor, Department of Mathematics, State University of New York, Stony Brook
 1989 Sherman Fairchild Distinguished Visiting Scholar, Department of Mathematics, California Institute of Technology
 1986 Fall Sid Richardson Centennial Chair in Mathematics and Visiting Professor, Department of Mathematics, University of Texas at Austin

ADDITIONAL AFFILIATIONS:

- 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:

- 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 Sloan Fellow

MEMBERSHIPS:

- 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:

2005 -	Editors-in-Chief, <u>Quarterly Journal of Pure and Applied Mathematics</u>
2001 - present	Honorary Editor, <u>Communications in Information and Systems</u>
1997 - present	Editorial Boards, Editor, <u>Journal of Mathematical Physics</u>
1997 - present	Editor-in-Chief, <u>Asian Journal of Mathematics</u>
1994 - present	Editor-in-Chief, <u>Methods and Application of Analysis</u>
1994 - present	Editorial Boards, Editor, <u>Advances in Mathematics</u>
1993 - present	Editorial Boards, Editor, <u>Mathematical Research Letters</u>
1993 - present	Editorial Boards, Advisor, <u>Communications in Analysis and Geometry</u>
1993 - present	Editorial Boards, Advisor, <u>Methods and Applications of Analysis</u>
1982 - 1999	Editor, <u>Communication in Mathematical Physics</u>
1981 - 1988	Editor, <u>Inventiones Mathematicae</u>
1980 - present	Editor-in-Chief, <u>Journal of Differential Geometry</u>

INVITED LECTURESHIPS:

January 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. 04	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, Los Angeles
October 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 Brouckett Porter Lecture, Department of Mathematics, Rice University
1978	International Congress of Mathematicians, Plenary Speaker, Helsinki, Finland