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Simon Klemperer

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Professor of Geophysics and, by courtesy, of Geological Sciences



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Internet Links:

- Google Scholar Profile
- Research Group: Crustal Geophysics

Research & Scholarship Teaching Publications

- Professor, Geophysics
- Professor (By courtesy), Geological Sciences

Professor of Geophysics and leader of the "Crustal" research group that studies structure, tectonics, deformation, growth and composition of the continental lithosphere, using active and passive seismology. Director of the undergraduate program in Geophysics, and co-Director of the School of Earth Sciences Summer Undergraduate Research Program.

Administrative Appointments

- Technical Assistant, Rutherford Laboratory, Chilton, Oxfordshire (1976 1977)
- Research Associate, BIRPS, Cambridge University (1985 1987)
- Royal Society University Research Fellow, BIRPS, Cambridge University (1987 1990)
- Visiting Scientist, U.S. Geological Survey (1985 1985)
- Associate Professor, Stanford University (1990 2005)
- Associate Professor (by courtesy) Geological and Environmental Sciences, Stanford University (1995 2005)
- Visiting Professor in Geology, Royal Holloway, University of London (1999 2004)
- Professor (by courtesy) Geological and Environmental Sciences, Stanford University (2005 Present)
- Professor of Geophysics, Stanford University (2005 Present)

Honors and Awards

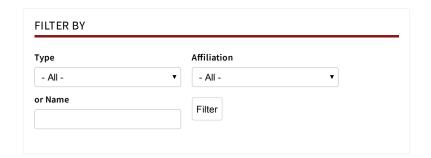
- Milton Dobrin Scholar, Society of Exploration Geophysicists (1982 1984)
- Fellow, Royal Society University Research Fellowship (1987 1990)
- President's Award, Geological Society of London (1988)
- Fellow, Geological Society of America (1995)
- Recipient, Allan V. Cox Medal for faculty excellence fostering undergraduate research (2008)
- Distinguished Lecturer, NSF-MARGINS program (2008-2010)
- School of Earth Sciences Excellence in Teaching Award, Stanford University (2010)

University Service and Professional Activities

- Department of Geophyics Fellowship Committee, Chair, Stanford University (2012 Present)
- NASA Review Panel, Earth Surface and Interior (2012 2012)
- Career Advisory Board, Career Development Center, Stanford University (2011 Present)
- Department of Geophysics Graduate Admissions Committee, Stanford University (2011 Present)
- Editorial Advisory Board, Himalayan Geology (2011 Present)
- Invited Speaker, International Symposium on Deep exploration of the Lithopshere, Beijing (2011 2011)
- SES Computational Earth Sciences Committee, Stanford University (2010 Present)
- Scientific Advisor, Sinoprobe, China's national program to explore the deep structure of China (2010 Present)
- Co-convener, 25th Himalaya-Karakoram-Tibet International Workshop, San Francisco, June (2010 2010)
- Lead Convener, NSF Workshop on "Future directions for NSF-sponsored geoscience research in the Himalaya/Tibet" (2010 2010)
- Chair, Geophysics Undergraduate Curriculum Committee, Stanford University (2009 2010)
- Aurora Forum public lecture and KQED radio broadcast, Tibet, where continents and cultures collide (2009 2009)
- Invited speaker, Gravity & Magnetics Luncheon, Society of Exploration Geophysicists (2009 2009)
- Committee on Review of Undergraduate Majors (C-RUM) of the Academic Council, Stanford University (2008 2011)
- NSF-MARGINS Distinguished Lecture tour, Lamont, U of Arizona, UC Riverside, SF State, SMU, MSU, Chapman, UC Ft.Collins, PGS (2008 2010)
- Planning committee, NSF-MARGINS program, Second Decade (2008 2008)
- Chair, Thompson Postdoctoral Fellow search, Stanford University (2007 Present)
- Co-Director, School of Earth Sciences (Summer) Undergraduate Research program, Stanford University (2007 Present)
- Freshman Advisor, Stanford University (2007 2010)
- Secretary, U.S. Commission on Controlled-Source Seismology (2007 2010)
- Director, Geophysics (Summer) Undergraduate Research Program, Stanford University (2006 2006)
- Director of Undergraduate Studies, Department of Geophysics, Stanford University (2005 Present)
- GES Undergraduate Curriculum Committee, Stanford University (2005 2006)
- SES Diversity Committee, Stanford University (2005 2006)
- Convenor, Earthscope Workshop, 3D seismic reflection at the SAFOD site (2005 2005)
- Convenor, US-Africa Workshop, Anatomy of Continental Rifts, Addis Ababa (2004 2004)
- Keynote speaker, Channel Flow in Continental Collision Zones, Geological Society, London (2004 2004)
- University EHS Earthquake Building Assessment Team, Stanford University (2003 Present)
- Geophysics Faculty Safety Representative, Stanford University (2002 Present)
- ILP Project III-8 Committee Member, Processes and Geodynamics in the Formation and Exhumation of Ultrahigh-Pressure Metamorphic Terrain (2002 2005)
- Organizer, Stanford presence, AGU Academic Showcase (Fall) Meeting (2002 2005)
- Convenor, NSF-IFREE-MARGINS workshop, Izu-Bonin-Mariana Subduction Factory (2002 2002)
- Convenor, The George Thompson Symposium: The Lithosphere of Western North America and its Geophysical Characterization, Stanford University (2001 2001)
- Department Admissions Chair, Stanford University (2000 2005)
- Invited speaker, universities of Cambridge, Durham, London, Leicester (1999 1999)
- Invited speaker, universities of Cambridge, Durham, London, Leicester (1999 1999)
- Member, NSF EAR Continental Dynamics Review Panel (1998 2004)
- Earth Sciences Library Committee, Stanford University (1997 Present)
- Member, NSF EAR-OCE MARGINS Science Committee (1997 2002)
- Member, ILP Project Team, Ocean-Continent Lithosphere Boundary (1997 1999)
- Earth Sciences Ocean Margins Initiative Committee, Stanford University (1995 1998)
- Director, School of Earth Sciences Geographic Information Systems Lab, Stanford University (1994 1999)
- Sophomore Advisor, Stanford, Stanford University (1992 2005)
- Ex Officio member, IRIS Standing Committee, Program for Array Seismic Studies of the Continental lithosphere (1992 1999)
- Freshman Advisor, Stanford University (1991 2005)
- Stanford Rhodes-Marshall Panel, Stanford University (1991 2005)
- Director, IRIS-PASSCAL Instrument Center (1991 1998)
- Faculty Advisor, Masters in Exploration and Development Program, Stanford University (1990 1998)

Education

- Ph.D., Cornell University, Geophysics (1985)
- M.A., Cambridge University (1984)
- B.A., Cambridge University, Mineralogy and Petrology (1980)





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