

Pascal Richet – Brief curriculum vitae

Personal

Present function: Physicist, Outstanding class, Institut de Physique du Globe de Paris,
head of the IPGP Physics of Minerals and Magmas Laboratory

Education: Ecole Normale Supérieure, Paris, Sciences section
3rd-cycle doctorate, Chemistry, University Paris 7
State doctorate, Physics, University Paris 7

Postdoctoral fellow at the Geophysical Laboratory of the Carnegie Institution of Washington

Research activities

Physics of industrial and natural glasses

Rheology and phase equilibria of magmas

High-temperature and pressure mineralogy of the Earth's mantle

Stable isotope geochemistry

History and philosophy of science

Publications in international journals in geophysics, geochemistry, materials sciences and physics.

Popularization articles on Earth sciences, physics and general sciences.

21 Ph. D. students advised

Distinctions

Urey medal, European Association of Geochemistry, 2008

Visiting professor, Tokyo Institute of Technology, 2008

Morey award, American Ceramic Society, 2006

Robert W. Bunsen medal, European Geophysical Union, 2006

Highly cited scientist, ISI, 2003

Visiting professor, Tokyo Institute of Technology, 2001

Allan Cox visiting professor, Stanford University, 1996-97

Winter-Klein prize, French Academy of Sciences, 1993

Bronze medal, CNRS, 1982

Books

P. Richet, *L'âge du monde*, Le Seuil, Paris, 1999.

P. Richet, *Les bases physiques de la thermodynamique*, Belin, Paris, 2000.

P. Richet, *L'âge du verre*, Gallimard, Paris, 2000.

P. Richet, *The Physical Basis of Thermodynamics*, Plenum Publishing, New York, 2001.

P. Richet, *Guide des volcans de France*, Belin, Paris, 2003.

O. Fabrichnaya, S.K. Saxena, P. Richet & E.F. Westrum, Jr, *Thermodynamic Data, Models, and Phase Diagrams in Multicomponent Oxide Systems*, Springer, New York, 2003.

P. Richet, *Le feu*, Gallimard, Paris, 2004.

B.O. Mysen & P. Richet, *Silicate Glasses and Melts. Properties and Structure*, Elsevier, Amsterdam, 2005.

P. Richet, J.-Y. Cottin, J. Dyon, R. Maury, N. Villeneuve & col., *Guide des volcans d'Outre-Mer*, 492 pp., Belin, Paris (2007)

P. Richet, *A Natural History of Time*, The University of Chicago Press, 2007.