



School of Earth & Space Exploration
Arizona State University
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PROFESSIONAL POSITIONS

Arizona State University, Tempe, Arizona, USA
Assistant Research Scientist, 2016 – present
School of Earth & Space Exploration

Observatoire de la Côte d’Azur, Nice, France
Henri Poincaré Postdoctoral Fellow, 2013 – 2016
Lagrange Laboratory

Yale University, New Haven, Connecticut, USA
Bateman Postdoctoral Prize Fellow, 2010 – 2013
Dept. of Geology & Geophysics

EDUCATION

California Institute of Technology, Pasadena, California, USA
Ph.D. Planetary Science – 2010
M.S. Planetary Science – 2006
Dissertation: “Chemical and isotopic consequences of the Moon-forming giant impact”; Advisor: David Stevenson; The goal of this work was to forge a connection between the physical process of lunar formation by giant impact and observable signatures recorded in the lunar rocks.

University of Maryland, College Park, Maryland, USA
B.S. Astronomy – 2004
Honors Thesis: “Orbital Evolution of the Galilean Satellites”; Advisor: Douglas Hamilton

HONORS AND AWARDS

Henri Poincaré Fellowship (Observatoire de la Côte d’Azur) 2013-2015
Bateman Postdoctoral Fellowship (Yale University) 2010-2012
Institute Postdoctoral Fellowship (ETH Zurich – respectfully declined) 2010
Nature Research Highlights of 2007 (for EPSL paper published in same year)
Institute Research Fellowship (Caltech) 2004-2005

SELECTED PUBLICATIONS

Pahlevan, K. (2018) Telltale Tungsten and the Moon, *Nature Geo*, 11, 16-18.
Pahlevan, K., Karato, S. and Fegley, B. (2016) Speciation and dissolution of hydrogen in the proto-lunar disk, *Earth and Planetary Science Letters*, 445, 104-113.
Pahlevan, K., Morbidelli, A. (2015) Collisionless encounters and the origin of the lunar inclination, *Nature*, 527, 492-494.
Pahlevan, K. (2014) Isotopes as tracers of the sources of the lunar material and processes of lunar origin. *Phil Trans. R. Soc. A*. 372, 20130257
Pahlevan, K., Stevenson, D.J. and Eiler, J. (2011) Chemical fractionation in

the silicate vapor atmosphere of the Earth, Earth and Planetary Science Letters. 301, 433-443.

Pahlevan, K. and Stevenson, D.J. (2007) Equilibration in the aftermath of the lunar forming giant impact, Earth and Planetary Science Letters. 262, 438-449.

INVITED
LECTURES

Dept. of Terrestrial Magnetism, Carnegie Institution of Washington, 2017
Dept. of Astronomy, University of Illinois, Urbana-Champaign, 2017
Institute of Geological Sciences, Freie Universität, Berlin, 2016
Institute de Physique du Globe de Paris (IPGP), Paris, 2016
Laboratoire de Geology, Ecole Normale Superieure (ENS), Lyon, 2015
Institute du Physique du Globe de Paris, 2015
ETH, Institute of Geochemistry and Petrology, Zurich, 2014
Le Centre de Recherche Pétrographique et Géochimique, Nancy, 2014
Laboratoire de Géologie, École Normale Supérieure de Lyon, 2014
Southwest Research Institute, Boulder, Colorado, 2013
University of Bristol, School of Physics, England, 2013
Oxford University, Dept. of Earth Sciences, Oxford, England, 2012
L'Observatoire de la Côte d'Azur Seminar, Nice, France, 2012
Lunar and Planetary Institute Spring Seminar Series, Houston, Texas, 2012
McGill University, Dept. of Earth and Planetary Sciences, 2012
Harvard University, Dept. of Earth & Planetary Sciences, Colloquium, 2011
State University of New York at Stony Brook, Dept. of Geosciences, 2011
Harvard, Center for Astrophysics, Institute for Theory & Computation, 2011
Univ. of Texas Austin, Dept. of Astronomy Seminar, 2011
Univ. of Maryland, Dept. of Astronomy Seminar, 2010
Brown University, Dept. of Geosciences, Colloquium, 2010
Princeton University, Dept. of Geosciences, Brown Bag Seminar, 2010
ETH, Institute of Isotope Geochemistry & Mineral Resources, Seminar, 2009
Carnegie Institute of Washington, Dept. of Terrestrial Magnetism, 2009
UCLA, Geochemistry Seminar, 2009

PROFESSIONAL
ACTIVITIES

Society Memberships: American Geophysical Union, Division of Planetary Sciences of the American Astronomical Society, Geochemical Society
Referee for: Nature, Science, Geochimica et Cosmochimica Acta, Earth & Planet. Sci. Letters, Philosophical Transactions of the Royal Society, Icarus
External Reviewer for: Swiss National Science Foundation (SNSF)
Service: Executive Secretary for NASA Origins of Solar Systems (OSS) Panel
Scientific Organizing Committee: Workshop on Solar System Bombardment III

PUBLIC
OUTREACH

Interview with the NY Times (11/2015)
Interview with Chicago Tribune (3/2012)
Public lecture at New Haven Public Library (6/2012)
Visit to New Haven public schools (2/2013, 6/2013)

PERSONAL
INFORMATION

Languages: English, French
Citizenship: USA