

CV of Dr. Noriyuki Namiki

Deputy Director,
Planetary Exploration Research Center, Chiba Institute of Technology

Education:

1995 July, Ph.D. in Geophysics, Department of Atmospheric and Planetary Sciences,
Massachusetts Institute of Technology
1988 March, Master of Science, Geophysical Institute, University of Tokyo
1986 March, Bachelor of Science, Geophysical Institute, University of Tokyo

Professional Works:

2010-present: Deputy Director, Planetary Exploration Research Center,
Chiba Institute of Technology.
2007 April: Assistant Professor, Department of Earth and Planetary Sciences,
Kyushu University.
1995 September: Research Associate, Department of Earth and Planetary Sciences,
Kyushu University.

Planetary Missions Involvement:

2013-present: Local PI of Ganymede Laser Altimeter on Jupiter Icy Moon Explorer (JUICE)
2011-present: Science PI of LIDAR on Hayabusa-2
2000-2010: PI of RSAT on SELENE (Kaguya), relay satellite mission for gravity measurement

Major Research Area:

Lunar gravity field and interior structure,
Earth and planetary tectonics, volcanism, and gravity measurement
Impact cratering processes of planetary surfaces

Memberships:

AGU, JpGU, AOGS, JSPS (Japan Society of Planetary Science)
Steering committee of JSPS
Lead of JSPC future planetary exploration working group

Major Paper Lists:

Ground Compatibility Tests for Gravity Measurement of SELENE: Accuracies of Two- and Four-Way Doppler and Range Measurements. Namiki, Noriyuki et al., *Space Science Review*, 154, 103-121, 2010.
Farside Gravity Field of the Moon from Four-Way Doppler Measurements of SELENE (Kaguya), Namiki, Noriyuki et al., 18 authors, *Science* 323, 900-9005, 2009.
Depth profiles of Venusian sinuous rilles and valley networks, Oshigami, S., N. Namiki, and G. Komatsu, *Icarus*, 199, 250-263, 2009.
Crustal thickness of the Moon: Implications for farside basin structures. Ishihara Y. et al. (6th of 10 authors), *GRL*, 36, 19202I, 2009.
Testing hypotheses for the origin of steep slope of lunar size-frequency distribution for small craters, Namiki, N., and C. Honda, *Earth Planets Space*, 55, 39-51, 2003.
Volcanic degassing of argon and helium and the history of crustal production on Venus. Namiki, Noriyuki; Solomon, Sean C, *JGR-E*, 103, 3655-, 1998.
Impact Crater Densities on Volcanoes and Coronae on Venus: Implications for Volcanic Resurfacing. Namiki, Noriyuki; Solomon, Sean C, *Science* 265, 929-933, 1994.