

BIOGRAPHICAL SKETCH: MARTIN A. TSCHIMMEL

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University Studies

- 02/2004 – 01/2007:** Ph.D. in geophysics (planetary sciences)
International Max Planck Research School at the Max Planck Institute for Solar System Research and the University of Göttingen, Germany
- 10/2003 – 11/2003:** IAESTE internship
Institute for Biochemical Physics of the Russian Academy of Sciences in Moscow, Russia
- 10/1998 – 09/2003:** Diploma in physics (astronomy and particle physics)
University of Munich, Germany

Work experience

- 09/2007 – present:** Postdoctoral Research Associate
Laboratory calibrations and data analysis for the Lunar Reconnaissance Orbiter Camera.
School of Earth and Space Exploration, Arizona State University, Tempe, Arizona
- 02/2007 – 06/2007:** Postdoctoral Research Associate
Investigation of water vapor on Mars with the PFS/SW spectrometer of Mars Express (ESA).
Max Planck Institute for Solar System Research, Katlenburg-Lindau, Germany
- fall 2004, spring 2005:** Laboratory Assistant
Calibrations of the Venus Monitoring Camera of Venus Express (ESA).
Max Planck Institute for Solar System Research, Katlenburg-Lindau, Germany
- 12/2003 – 01/2004:** Graduate Research Assistant
Search for extra-solar planets using the transit method.
Institute for Astronomy and Astrophysics, University of Munich, Germany
- 09/2000 – 09/2001:** Student Trainee
Laboratory experiments for an experiment on the ISS. Report about radiation damage.
Kayser-Threde, Munich, Germany

Publications

- Tschimmel, M., Ignatiev, N.I., Titov, D.V., Lellouch, E., Fouchet, T., Giuranna, M., Formisano, V.: *Investigation of water vapor on Mars with PFS/SW of Mars Express*, Icarus, Vol. 195, Iss. 2 (2008)
- Markiewicz, W.J., et al.: *Venus monitoring camera for Venus Express*, Planetary and Space Science Vol. 55, Iss. 12 (2007)
- Fouchet, T., Lellouch, E., Ignatiev, N.I., Forget, F., Titov, D.V., Tschimmel, M., Montmessin, F., Formisano, V., Giuranna, M., Maturilli, A., Encrenaz, T.: *Martian water vapor: Mars Express PFS/LW observations*, Icarus, Vol. 190, Iss. 1 (2007)

Research Interests

- space instrumentation
- photometry
- atmospheric trace gases on Mars
- lunar seismology

Postdoctoral advisor: Mark S. Robinson (Arizona State University)

Graduate advisor: Dmitri V. Titov (Max Planck Institute for Solar System Research, Germany)