

personal information

name and last name	Piero D’Incecco
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e-mail address	piero.dincecco@planetaryscience.de
nationality	Italian
place and date of birth	Atri (Teramo), Italy, 09/05/1983
familiar status	married
personal webpage	http://planetaryscience.fi/members/piero-dincecco/
social media accounts	
<i>researchgate</i>	https://www.researchgate.net/profile/Piero_Dincecco
<i>linkedin</i>	https://www.linkedin.com/in/piero-d-incecco-1a3118137/
<i>twitter</i>	https://twitter.com/piero_dincecco

education and professional activities

02/2019 – present	Research Scientist at the International Research School of Planetary Sciences (IRSPS), Pescara, Italy
03/2016 – present	Research Scientist at the Arctic Planetary Science Institute (APSI), Rovaniemi, Finland
04/2011 – 03/2017	PhD student at the German Aerospace Center (DLR) in Berlin-Adlershof, Germany
<i>03/2017</i>	PhD thesis defense at the Department of Astronomy at University of Oulu, Finland
<i>11/2012</i>	Visiting Scholar at the Planetary Geosciences Group of Brown University in Providence, Rhode Island, USA
<i>10/2011 – 11/2011</i>	Visiting Scholar at the Planetary Geosciences Group of Brown University in Providence, Rhode Island, USA
05/2007 – 10/2010	Master’s Degree in Earth Sciences at “Università degli studi G. d’Annunzio” of Chieti/Pescara, Italy

04/2010 – 05/2010	Master thesis preparation at the Department of Planetary Sciences (NRPIF) of the University of Oulu, Finland
01/2008 – 08/2008	Erasmus project at the University of Oulu (Finland), Department of Planetary Sciences (NRPIF)
10/2002 – 04/2007	Bachelor’s Degree in Earth Sciences at “Università degli studi G. d’Annunzio” of Chieti/Pescara, Italy.

computer skills

operative systems	Microsoft Windows, Mac OS X, Ubuntu
software	ArcGIS, QGIS, ENVI, IDL, Adobe Photoshop, Microsoft Office

languages

Italian (mother tongue)
English (very good)
Spanish (good)
Hungarian (intermediate)
German (intermediate)

funding and academic awards

- DLR/DAAD Fellowship Award, 04/2011 – 03/2015
- European Geosciences Union (EGU) Outstand Student Poster (OSP) Award, 06/2014:
<http://www.egu.eu/awards-medals/ospp-award/2014/piero-dincecco/>

public outreach

- Invited for a press briefing organized by the American Astronomical Society (AAS) during the DPS-EPSC joint meeting in Pasadena, California, USA (16-21 October 2016) for the research work titled “Location and extent of recently active lava flows on the eastern flank of Idunn Mons on Venus”

AAS Press Release:

<http://www.europlanet-eu.org/recently-active-lava-flows-on-venus/>

DLR Press Release:

http://www.dlr.de/dlr/en/desktopdefault.aspx/tabid-10081/151_read-19806/#!/gallery/24774

Video of the AAS Press Conference:

https://www.dropbox.com/s/ce90z3rnatbwsl/dps_48_press_2016-10-17_venus_mars_rosettas_comet.mp4?dl=0

- International Flaiano Award for naming an impact crater of Mercury after Ennio Flaiano, promoting Flaiano’s name in the world. Pescara, Italy, 14 July 2013.

Interview granted to the regional newspaper of Abruzzo (Italy) “Il Centro”:

http://www.ilcentro.it/pescara/il-giovane-geologo-planetario-studia-il-cosmo-da-berlino-1.1258894?utm_medium=migrazione

Video of the Flaiano Award Ceremony:

<https://www.dropbox.com/s/6vh77v8dvexx70a/flaiano%2C%20premio%20a%20piero%20d%27incecco.wmv?dl=0>

- Public telescopic observation organized in occasion of the total lunar eclipse as a member of the Astronomy Amateur Group of Pescara (“Gruppo Astrofili Pescaresi RA”, GASPRA). Pescara, Italy, 9 January 2001.
http://www.gasptra.org/index.php?option=com_content&view=article&id=64&Itemid=53

publications

Peer-reviewed articles

- D’Incecco, P., Mueller, N., Helbert, J., D’Amore, M., 2016. Idunn Mons on Venus: location and extent of recently active lava flows. *Planet. Space Sci.*, available online 21 December 2016, ISSN 0032-0633, <http://dx.doi.org/10.1016/j.pss.2016.12.002>.
- D’Incecco, P., Helbert, J., D’Amore, M., Ferrari, S., Head, J. W., Maturilli, A., and Hiesinger, H., 2016. A geologically supervised spectral analysis of 121 globally distributed impact craters as a tool for identifying vertical and horizontal heterogeneities in the composition of the shallow crust of Mercury. *Planet. Space Sci.*, available online 31 August 2016, ISSN 0032-0633, <http://dx.doi.org/10.1016/j.pss.2016.08.004>.
- D’Incecco, P., Helbert, J., D’Amore, M., Maturilli, A., Head, J. W., Klima, R. L., Izenberg, N. R., McClintock, W. E., Hiesinger, H., and Ferrari, S., 2015. Shallow crustal composition of Mercury as revealed by spectral properties and geological units of two impact craters. *Planet. Space Sci.*, 119, 250-263, doi:10.1016/j.pss.2015.10.007.
- Xiao, Z., Strom, R. G., Chapman, C. R., Head, J. W., Klimczak, C., Ostrach, L. R.; Helbert, J., D’Incecco, P., 2014. Comparisons of fresh complex impact craters on Mercury and the Moon: Implications for controlling factors in impact excavation processes. *Icarus*, Volume 228, Pages 260- 275; doi:10.1016/j.icarus.2013.10.002.
- Helbert, J., Mueller, N., Maturilli, A., Nadalini, R., Smrekar, S., D’Incecco, P., D’Amore, M., 2013. Observing the surface of Venus after VIRTIS on VEX: new concepts and laboratory work. *Proc. SPIE 8867, Infrared Remote Sensing and Instrumentation XXI*, 88670C; doi:10.1117/12.2025582.
- Helbert, J., Hiesinger, H., D’Amore, M., Walter, I., Peter, G., Säuberlich, T., Arnold, G., Maturilli, A., D’Incecco, P., 2013. MERTIS on BepiColombo: seeing Mercury in a new light. *Proc. SPIE 8867, Infrared Remote Sensing and Instrumentation XXI*, 886705; doi:10.1117/12.2023972.

PhD thesis

D’Incecco, P., 2017. Visible and near-infrared spectroscopy of Mercury and Venus from orbit. University of Oulu, ISSN 1239-4327, Report Series in Physical Sciences, and near-infrared spectroscopy of Mercury and Venus from orbit. University of Oulu.

<http://jultika.oulu.fi/Record/isbn978-952-62-1506-8>.

Meetings presentations (as first author)

- Venera-D Modelling Workshop, Moscow, Russia, 5-7 October 2017.

D’Incecco, P., Glaze, L. S., Imdr Regio ad the landing site of the Venera-D mission: a geologic perspective. *Oral and poster presentation.*

- Eighth Moscow Solar System Symposium (8M-S3), Moscow, Russia, 10/2017.

D’Incecco, P., Glaze, L. S., “Imdr Regio ad the landing site of the Venera-D mission: a geologic perspective”. *Oral presentation.*

- DPS-EPSC joint meeting, Pasadena, California, USA, 16-21 October 2016.

D’Incecco, P., Mueller, N., Helbert, J., D’Amore, M., “Location and extent of recently active lava flows on the eastern flank of Idunn Mons on Venus”. *Oral presentation.*

- MESSENGER-BepiColombo Joint Science Meeting. Berlin, Germany, 16-18 June 2015.

D’Incecco, P., Helbert, J., D’Amore, M., Ferrari, S., Maturilli, A., Head, J. W., Hiesinger, H., “Geologically supervised classification of Rembrandt basin and Caloris basin on Mercury: from MESSENGER to BepiColombo”. *Poster presentation.*

- European Planetary Science Congress. Cascais. Portugal, 7-12 September 2014.

D’Incecco, P.; Helbert, J.; D’Amore, M.; Maturilli, A.; Ferrari, S.; Head, J. W.; Klima, R. L.; Izenberg, N. R.; McClintock, W. E.; Solomon, S. C., “Spectral characteristics of 121 impact craters on Mercury (update)”. *Poster presentation.*

- European Geosciences Union General Assembly. Vienna, Austria, 27 April-2 May 2014.

D’Incecco, P., Helbert, J., D’Amore, M., Maturilli, A., Ferrari, S., Head, J. W.; Klima, R. L.; Izenberg, N. R.; McClintock, W. E.; Solomon, S. C., “Studying the spectral characteristics of 121 impact craters on Mercury”. *Poster presentation.*

- 44th Lunar and Planetary Science Conference. The Woodlands, Texas, USA, 18-22 March, 2013.

D’Incecco, P., Helbert, J., D’Amore, M., Maturilli, A., Head, J. W., Klima, R. L., Izenberg, N. R., McClintock, W. E., Solomon, S. C., “Spectral Properties and Geology of Two Impact Craters on Mercury”. *Poster presentation.*

D’Incecco, P., Helbert, J., “Global Scale Characterization of Venusian and Terrestrial Calderas”. Lunar and Planetary Science Conference. *Poster presentation.*

- NASA MESSENGER Team Meeting. Santa Monica, California, USA. 13-15 November 2012.

D’Incecco, P., et al., “Kuiper and Waters craters on Mercury”. *Oral presentation.*

- European Planetary Science Congress. Madrid, Spain, 23-28 September 2012.

D’Incecco, P., Helbert, J., Head, J. W., D’Amore, M., Maturilli, A., Izenberg, N. R., Holsclaw, G. M., Domingue, D. L., “Kuiper Crater on Mercury - An Opportunity to Study Recent Surface Weathering Trends with MESSENGER”. *Poster presentation*.

- NASA MESSENGER Team Meeting. Vancouver, British Columbia, Canada, 8-10 May 2012.

D’Incecco, P., et al., “MASCS Cluster Analysis and Studies of the Rudaki Area. *Oral presentation*.

- 43rd Lunar and Planetary Science Conference. The Woodlands, Texas, USA, 19-23 March, 2013.

D’Incecco, P., Helbert, J., D’Amore, M., Maturilli, A., Head, J. W., Klima, R. L., Izenberg, N. R., McClintock, W. E., “Geologic and spectral surface properties of outflowed impact melt on Mercury”. *Poster presentation*.

- *Oral presentation* as visiting scholar for the Planetary Geosciences Group Meeting at Brown University, Providence, Rhode Island, USA. 10-25 November 2011.

D’Incecco, P., et al., “Kuiper crater on Mercury”.

- DPS-EPSC joint meeting. Nantes, France, 2-7 October 2011.

D’Incecco, P., Törmänen, T., Helbert, J., D’Amore, M., Maturilli, A., “Genetic processes behind calderas formation on Venus through a comparative study with Terrestrial analogues”. *Poster presentation*.

Conference Proceedings

- Venera-D Venus Modeling Workshop, October 5-7, 2017, Moscow, Russia: Proceedings. IKI Space Research Institute, Roscosmos, NASA. Edited by: L. M. Zelenyi. Compiled by: L. V. Zasova, D. A. Gorinov.

http://venera-d.cosmos.ru/fileadmin/user_upload/documents/Workshop2017_Proceedings.pdf

relevant activities

- Joint Bavaria Field Trip organized by the Institut für Planetologie der Westfälische Wilhelms - Universität Münster (Germany) and the Planetary Geosciences Group - Brown University (Rhode Island, USA). 15-24 June, Bavaria, Germany.