

Academic Staff Resume

Name: Roberto Bugiolacchi

Title: Assistant Professor

Dept. SKLplanet

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Academic Qualification:

Ph.D. in Geology (Planetary Science)

Master in Education (Post Graduate Certificate of Education - PGCE)

Bachelor in Planetary Science

Teaching Area

Geology, Planetary Sciences and Astronomy

Research Area

Lunar Geology

Working Experience

2016 - Ongoing - MUST - Assistant Professor, Macao, China

2012-2015 - Birkbeck, University of London, Centre for Planetary Sciences, London, UK

2008-2012 - Max Planck Institute for Solar System Research (MPS), Gottingen, Germany

Research Projects

Planetary cratering, multispectral data interpretation, radar data

Professional Certification and Awards

University College London (UCL), Honorary Research Assistant - Ongoing from 2008

Professional Society Membership

Academic Publication

Journal Articles:

Bugiolacchi, R., and Wohler, C. 2020. Small craters population as a useful geological investigative tool: Apollo 17 region as a case study. *Icarus*, Volume 350, November, doi: 10.1016/j.icarus.2020.113927

Lai, J., Xu, Y., **Bugiolacchi**, R. et al. 2020. First look by the Yutu-2 rover at the deep subsurface structure at the lunar farside. *Nature Commun.* 11, 3426, doi: 10.1038/s41467-020-17262-w

Bugiolacchi R., Bamford S., Tar P., Thacker N., Crawford I., Joy K., Grindrod P., Lintott C. 2016. The MoonZoo citizen science project: Preliminary results for the Apollo 17 landing site. *Icarus*, Volume 271, pp. 30-48, doi: 10.1016/j.icarus.2016.01.021

Bugiolacchi R., Mall U., Bhatt M., McKenna-Lawlor S., Brønstad K., and Ullaland K. 2013. From the Imbrium Basin to crater Tycho: The first regional spectral distribution map derived from SIR-2 near infrared data. *Icarus*, Volume 233, pp. 804-818, doi: 10.1016/j.icarus.2013.01.018

Bugiolacchi R., Mall U., Bhatt M., McKenna-Lawlor S., Banaszkiewicz M., Brønstad K., Nathues A., Søråas F., and Ullaland K. 2011. An In-Depth Look at Copernicus Crater: Exposed Mineralogy by High-Resolution Near-Infrared Spectroscopy. *Icarus*, Volume 213, pp. 43-63, doi: 10.1016/j.icarus.2011.02.023

Bugiolacchi R., and Guest J. E. 2008. Compositional and temporal investigation of exposed lunar basalts in the Mare Imbrium region. *Icarus*, Volume 197, Issue 1. pp. 1-18, doi: 10.1016/j.icarus.2008.04.001

Bugiolacchi R., Spudis P. D., and Guest J. E. 2006. Stratigraphy and composition of lava flows in Mare Nubium and Mare Cognitum. *Meteoritics & Planetary Science* 41, Nr2, pp. 285-304(20), doi: 10.1111/j.1945-5100.2006.tb00210.x

Books & Book Chapters:

Bugiolacchi R. 2018. Small Craters and their Diagnostic Potential. *Planetary Remote Sensing and Mapping, Section IV: Feature Information Extraction from Planetary Remote Sensing Data*. ISPRS Book Series, Taylor & Francis/CRC Press, London, 191-204, ISBN: 978-1-138-58415-0

Conference Papers:

Too many and not peer-reviewed