

## Curriculum Vitae

### Prof. Dr. habil. Wladimir Neumann

Website: <https://www.tu.berlin/en/planet/about/team/wladimir-neumann>

Google Scholar: <https://scholar.google.com/citations?user=20yr2wMAAAAJ>

ResearchGate: [www.researchgate.net/profile/Wladimir-Neumann](http://www.researchgate.net/profile/Wladimir-Neumann)

ORCID: 0000-0003-1932-602X.

#### POSITIONS

Since 2022 Institute of Geodesy, Technische Universität (TU) Berlin  
Since 2024 Distinguished Professor, Macau University of Science and Technology, China  
Since 2022 ISSI-Bern/Beijing Team Leader: "Timing and Processes of Planetsimal Formation"  
2020 – 2021 Klaus Tschira Laboratory for Cosmochemistry, Heidelberg University  
2016 – 2019 Institute for Planetology, University of Münster  
2014 – 2016 Postdoctoral Researcher, Institute of Planetary Research, DLR  
2010 – 2014 Research Associate (PhD candidate), Institute of Planetary Research, DLR  
2009 – 2014 Adjunct Professor for Applied Mathematics, University of Applied Sciences (HTW) Berlin  
2009 – 2010 Actuary for Company Pension Schemes, Funk Boehm Consultants, Berlin  
2006 – 2009 Pre-Graduate Scientific Assistant, Department of Mathematics, Humboldt University Berlin

#### ACADEMIC QUALIFICATION

2026 Habilitation (*Venia Legendi*) at Technische Universität Berlin  
2014 PhD Degree in Planetology, University of Münster  
2008 University Diploma in Mathematics and Physics, Humboldt University Berlin  
2004 – 2005 Study of Mathematics and Physics at the Imperial College London, UK

#### FELLOWSHIPS, AWARDS AND DISTINCTIONS

- Hayabusa2 Honor Award (received as a Co-I of the MASCOT instrument in 2021)
- Asteroid (11461) Wladimirneumann (named by the IAU after Dr. Neumann in 2017)
- NASA Group Achievement Award (received as Dawn Team member in 2016)
- IAU Individual Membership (received in 2021)
- Lunar and Planetary Institute Career Development Award (received at LPSC 2014)
- Outstanding Student Poster Award (received at EGU 2013)
- Scholarship of the German Academic Scholarship Foundation (2003-2008)
- Erasmus Program Mobility Scholarship, Imperial College London (2004-2005)
- Multiple travel grants: MetSoc (2018); DAAD (2018, 2016, 2015, 2023); Barringer (2016); EAG (2015); IAU (2015); Federation of Finnish Learned Societies (2014); Europlanet (2010-2012).

#### PUBLICATIONS

**Publications in journals:** (1) Chen et al. (2025) *A&A* 696, A212. (2) Neumann et al. (2024) *Sci. Rep.* 14, 14017. (3) Neumann et al. (2023) *PSJ* 4, 196. (4) Takir et al. (2023) *Nat. Astron.* 7, 524-533. (5) Takir and Neumann (2023) *Nat. Astron.* 7, 520-521. (6) Reger et al. (2022) *GCA* 343, 33-48. (7) Ma et al. (2022) *GPL* 23, 33-37. (8) Hamm et al. (2022) *Nat. Commun.* 13, 364. (9) Zhu et al. (2021) *Nat. Astron.* 5, 1286-1296. (10) Sakatani et al. (2021) *Nat. Astron.* 5, 766-774. (11) Neumann et al. (2021) *Icarus* 358, 114166. (12) Bischoff et al. (2021) *GCA* 293, 142-186. (13) Castillo-Rogez et al. (2021) *Bulletin of the AAS* 53, e-id. 303. (14) Grott et al. (2020) *JGR* 125, e2020JE006519. (15) Neumann et al. (2020) *A&A* 633, A117. (16) Neumann (2019) *MNRAS* 490, L47-L51. (17) Neumann & Kruse (2019) *APJ* 882, 47. (18) Jaumann et al. (2019) *Science* 365, 817. (19) Grott et al. (2019) *Nat. Astron.* 3, 971-976. (20) Ruesch et al. (2019) *Nat. Geosci.* 12, 505-509. (21) Neumann et al. (2018) *JGR* 123, 421-444. (22) Neumann et al. (2018) *Icarus* 311, 146-169. (23) Neumann et al. (2016) In: *IAU Proceedings* 11, A29A. (24) Dehant et al. (2016) In: *Origins of Life and Evolution of Biospheres* 46, 1-16. (25) Neumann et al. (2015) *A&A* 584, A117. (26) Neumann et al. (2014) *A&A* 567, A120. (27) Neumann et al. (2014) *EPSL* 395, 267-280. (28) Neumann et al. (2013) *Icarus* 224, 126-143. (29) Neumann et al. (2012) *A&A* 543, A141.

**Monographs:** (1) Neumann (2023) Habilitation thesis, TU Berlin. (2) Neumann (2014) PhD thesis, University of Münster. (3) Neumann (2008) Diploma thesis, Humboldt University Berlin.

**Conference contributions:** More than 150 contributions, of those more than 120 as first author.

## **SPACE MISSIONS**

- JAXA mission Destiny+ (Particle Analyser Co-I)
- ESA mission JUICE (GALA Science Team Member)
- ESA mission RAMSES (Core Team Member)
- JAXA mission Hayabusa2 (MASCOT-MARA Co-Investigator)
- NASA-ESA mission AIDA (ESA Hera Impact Working Group member)
- NASA mission Dawn (Framing Camera Science Team Member).

## **COMMISSIONS OF TRUST, PANEL AND SOCIETY MEMBERSHIPS**

- Editorial board member for *Discover Space*, Springer.
- Reviewer for funding bodies: NASA SSW, ESA CORA, ANR, NWO, DFG, STFC UKRI.
- Reviewer for multiple journals incl. Science and Nature journals, MNRAS, JGR, EPSL, EPS, Icarus, PASJ, and the book *Planetesimals: Early Differentiation and Consequences for Planets*, CUP, 2017.
- Award Judge for McCay Award (MetSoc), OSP Award (EGU), Dwornik Award (LPSC), OPC Award (DPS-EPSC).
- Memberships in Europlanet, EGU, EAG, MetSoc, AGU, AOGS, IAU.

## **CONFERENCE ORGANISATION**

- Vice-Chair of the Europlanet Science Congress.
- Organizer of team meetings of the ISSI International Team “Timing and Processes of Planetesimal Formation and Evolution” in Bern (2023 and 2025) and Beijing (2024).
- Organizer and chair of multiple sessions at EPSC and joint meetings with DPS since 2018.
- Session co-organizer and co-chair at MetSoc (2016, 2018); LCPM 2015 LOC member.