



Anezina Solomonidou

Nationality: Greek **Date of birth:** 29/09/1983 **Phone number:** (+30) 6945402903

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Work: 178 Kifissias Avenue, 15231 Athens (Greece)

WORK EXPERIENCE

Senior Scientist

Greek Space Agency (Hellenic Space Center) [05/2022 – Current]

City: Athens | **Country:** Greece

Scientific Officer for Space Sciences Exploration; Delegate at ESA in PB-HME and the United Nations Office for Outer Space Affairs.

Responsibilities: Implementation of Greece's space strategy and the development of European and international space initiatives.

Research Fellow in Planetary Science

California Institute of Technology (Caltech) [01/2021 – 05/2022]

City: Pasadena | **Country:** United States

Responsibilities: Europa Clipper mission (REASON instrument); Member of the Cassini mission Science Team (RADAR instrument).

Key achievement: Creation of the first global geomorphological map & the first global surface chemical composition map for Titan.

NASA Postdoctoral Fellow

NASA Jet Propulsion Laboratory [02/2014 – 12/2017]

City: Pasadena | **Country:** United States

Responsibilities: Member of the Cassini-Huygens mission, RADAR instrument; Review panelist in NASA ROSES program;

Key achievement: Awarded the CDAP ROSES (PI) award for Titan science; Awarded the NASA Early Career Fellowship (ECF).

ESA Research Fellow in Space Science

European Space Agency (ESA) [01/2018 – 12/2020]

City: Madrid | **Country:** Spain

Responsibilities: Member of the Jupiter Icy moons Explorer (Jupiter) mission in Working Group 2 (surfaces); Co-I in JPL's NAI project 'Habitability of Hydrocarbon Worlds: Titan and Beyond'.

Key achievements: Awarded Science Research (PI) from the ESAC Faculty for Jovian ices science.

MANAGEMENT AND LEADERSHIP SKILLS

National delegate of Greece to ESA for Human Spaceflight, Microgravity and Exploration (PB-HME)

National delegate of Greece to ESA for Exploration and Utilisation Board for Human Spaceflight, Microgravity and Exploration (PB-HME-EUB)

National delegate of Greece to the United Nations Office for Outer Space Affairs (UNOOSA) in the Committee on the Peaceful Uses of Outer Space (COPUOS)

Scientific Officer for Space Sciences and Space Exploration, Space Agency of Greece

President of Planetary Science Division at European Geosciences Union (EGU) (2023-2027)

Vice-chair (2022-2026), COSPAR Sub-Commission B5: Outer Planets and Satellites

Vice-Chair of the Southeast Europe Hub (SEE) of the Europlanet Society

Editor of COSPAR series Book publication 'Titan After Cassini-Huygens'

Member of Editorial Board in Frontiers Astronomy and Space Sciences: Planetary Science

Member of Editorial Board in ASEAN Journal on Science and Technology for Development

Convener at EPSC, AOGS, EGU, COSPAR

ORGANISATIONAL SKILLS

Organizer of the 'Terrestrial Analogues for Solar System studies' Workshop in 2024

National contact point for Greece for Summer School Alpbach within the Austrian Research Promotion Agency (FFG)

Organizer of the ESA 'Titan after Cassini-Huygens' Workshop in 2019

EDUCATION AND TRAINING

PhD in Astronomy and Astrophysics

Paris Observatory, Paris, France [03/2009 – 11/2013]

PhD in Geology and Geoenvironment

University of Athens, Athens, Greece [02/2009 – 11/2013]

Master's in Planetary Geology

University College London (UCL), London, UK [10/2007 – 11/2008]

Bachelor's in Geology

University of Patras, Patras, Greece [09/2001 – 05/2006]

HONOURS AND AWARDS

NASA ROSES CDAP Award (2016, 2020, 2023)

ESA Faculty Research Proposal Grant (2018)

Czech Science Foundation Grant (2019)

NASA Astrobiology Institute (NAI) Award (CAN-8) (2018)

ESA Fellowship in Space Sciences (2017)

NASA Early Career Fellowship (ECF) (2016)

CNES Postdoctoral Travel Award (2016)

International Planetary Probe Workshop (IPPW) Best Student Poster Award (2013)

Hartmann Division for Planetary Sciences (DPS) Student Travel Award (2012)

International Astronomical Union (IAU) Student Grant (2012)

European Geosciences Union (EGU) Young Scientist's Travel Award (2011)

European Union 'Education and Lifelong Learning' National Strategic Reference Framework (NSRF) –Research Funding Program: Heracleitus II (2010)

Bourses d'études en France 'VRika', Ambassade de France en Grèce (2009)

NETWORKS AND MEMBERSHIPS

European Geosciences Union (EGU)

American Geophysical Union (AGU)

Europlanet Society

Europlanet Science Congress (EPSC)

Asia Oceania Geosciences Society (AOGS)

Division for Planetary Sciences (DPS)

International Astronomical Union (IAU)

VOLUNTEERING

Official Translator of Universe Awareness (UNAWA) astronomy outreach organization

Press releases at Reuters, Science Daily, Universe Today, ESA, NASA/JPL, All About Space, SiNC

National Co-ordinator of the Design For Change program

Speaker at ESA's Open day 'Spacetalks'

Speaker at the Planetarium of Athens "The 50th Anniversary of the first human moon landing "

TEDx lecturer (TEDxNTUA)

Coordinator of the 'Cassini Scientist for a Day' competition organized by NASA and ESA in Greece

PUBLICATIONS

[2024]

Detailed chemical composition analysis of the Soi crater region on Titan

Solomonidou et al., Icarus, 421, 116215

[2024]

Characterization of the surfaces and near-surface atmospheres of Ganymede, Europa and Callisto by JUICE

Tosi et al., Space Science Reviews, 220, 1-94.

[2020]

Spectral and emissivity analysis of the raised ramparts around Titan's northern lakes

Solomonidou et al., Icarus, 344, 113338.

[2013]

Possible morphotectonic features on Titan and their origin

Solomonidou et al., Planetary and Space Science, 77, 104-117.