

Planetary Atmospheric Erosion Europlanet Workshop 2018

11-15 June 2018
Murighiol, Romania

Hotel booking: 15 April 2018
Abstracts due: 30 April 2018
Travel support: 30 April 2018
Early bird registration: 30 April 2018

This Europlanet workshop provides a platform for exchanging ideas and results relating to erosion of planetary atmospheres. The workshop will bring together researchers involved in this field and discuss recent results.

There will also be presentations of upcoming and proposed ESA and NASA satellite missions addressing this topic as well as papers on methodology. The workshop will be a mix of tutorials, presentations and ample time for discussion.

Travel stipends are available for students and early career scientists from selected Europlanet states.

Discussion topics

Atmospheric escape mechanisms
Comparative atmospheres: Earth versus other planets
Ion versus neutral escape
Variability in outflow, controlling factors
Long term evolution of planetary atmospheres
Impact of atmospheric erosion
Mass balance: escape versus accretion
Innovative methods for data analysis
Space missions to study atmospheric erosion
Inclusion and diversity in science

Science committee

Anita Aikio, Finland
Iannis Dandouras, France
Eduard Dubinin, Germany
Stein Haaland, Norway
Jasper Halekas, USA
Andreas Keiling, USA
Anna Losiak, United Kingdom
Octav Marghitu, Romania
Masatoshi Yamauchi, Sweden
Natalia Zalewska, Poland

Conveners: Stein Haaland, Octav Marghitu

Local organizers: Adrian Blăgău, Costel Bunescu, Horia Comișel, Dragoș Constantinescu, Vlad Constantinescu, Sorin George Dumitru, Ionuț Mădălin Ivan, Liliana Nedelcu, Ramona Popescu, Cornelia Vlase

<http://gpsm.space-science.ro/europlanet2018/>