



**AUA-UAEU Academic Conference
on Mars and Planetary Science**

United Arab Emirates University
Al Ain, UAE
20-21 November 2023

<https://conferences.uaeu.ac.ae/auaplanets/>

Call for Abstracts

The successful arrival of the Emirates Mars Mission (EMM) in orbit around Mars in February 2021, followed by subsequent public data releases by the EMM team, has stimulated considerable interest in Mars and other planetary science in the UAE.

The United Arab Emirates University (UAEU) in Al Ain, UAE is hosting a two-day in-person academic conference in November 2023 in partnership with the Asian Universities Alliance (AUA), to bring together researchers working on Mars and other planetary science topics from within the UAE and from other AUA member institutions with similar research priorities. The conference will be held at UAEU in the oasis city of Al Ain in the east of the UAE. We plan for a single plenary track, with several oral sessions, a poster session, and a panel discussion.

The goals of the conference are to share knowledge between researchers within the UAE and other AUA universities, build new links and collaborations between universities and other entities, make students aware of opportunities in the field of planetary science, and showcase science using data from the Emirates Mars Mission.

Topics that the conference will cover include:

- Science using data from the Emirates Mars Mission
- Other Mars surface and atmospheric science
- Other planetary science within the UAE
- Extrasolar planets

To submit your abstract, please go to <https://tinyurl.com/AUAPlanetsAbstract> and complete the Google form there no later than 1 September 2023.

The target participants are faculty, researchers, project officers, and students working in planetary science in UAE or other AUA universities, or in relevant UAE non-University organizations.

We are particularly interested in contributions from students working in all UAE universities on any area of planetary science, as the UAE student community in this rapidly growing area does not yet meet regularly. Ideally, this will be an opportunity for a large proportion of that community to meet for the first time. There will be prizes for the best student contributions.

Analysing observational and model datasets in this field naturally requires techniques from data science. There is a growing interest in using machine learning approaches to address research questions. Hence this conference welcomes abstracts on artificial intelligence and big data applied to this field.

Financial support to attend the conference is available for a limited number of attendees from AUA institutions outside the UAE, and for student attendees from within the UAE. Please indicate on the form if you are eligible and interested. More details are available on the website. There will be no registration or abstract fees for this conference.

Important dates:

- Abstract submission deadline: Friday 1 September 2023
- Notification of acceptance: Friday 8 September 2023
- Presenter information deadline: Friday 15 September 2023
- Registration deadline: Friday 13 October 2023
- Conference: Monday 20 and Tuesday 21 November 2023

Organizers:

- United Arab Emirates University
- Asian Universities Alliance

For further information:

- Conference webpage: <https://conferences.uaeu.ac.ae/auaplanets/>
- Email contact: AUAPlanets@uaeu.ac.ae

We look forward to a fruitful conference bringing together the UAE and AUA's planetary science community.

Sincerely,

AUA-UAEU Academic Conference on Mars and Planetary Science Organising Committee

Prof. Matthew Evans (Chair), Dr Muna Alfalasi, Prof. Usama Al Khawaja, Dr Roland Young, Dr Rim Fares, Dr Claus Gebhardt, Dr David Fernández-Remolar (MUST, Macau), Dr Dimitra Atri (NYU Abu Dhabi), and Ms Hessa Almatroushi (MBRSC).