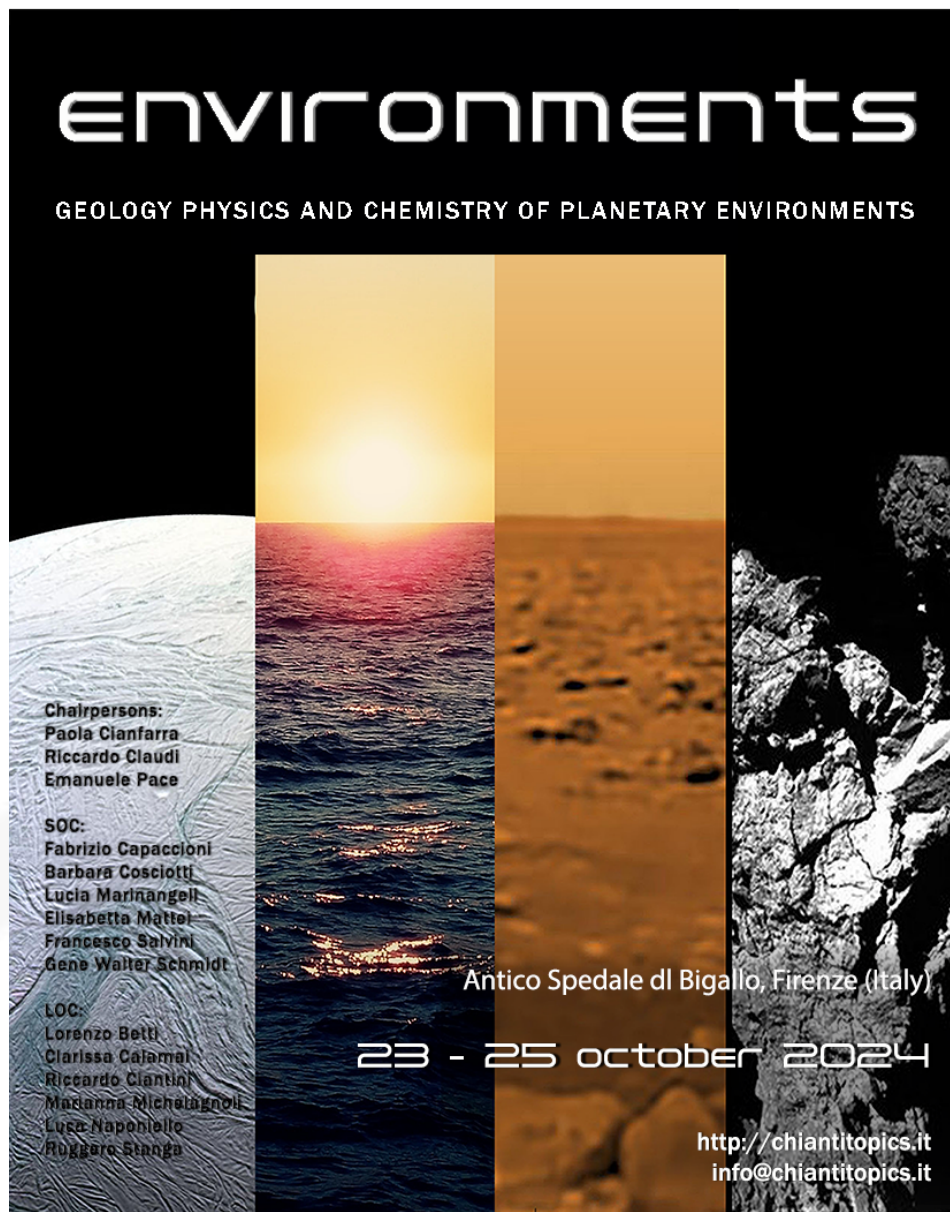


Call for Abstract

ENVIRONMENTS

GEOLOGY, PHYSICS AND CHEMISTRY OF PLANETARY ENVIRONMENTS

environments

GEOLOGY PHYSICS AND CHEMISTRY OF PLANETARY ENVIRONMENTS

Chairpersons:
Paola Cianfarra
Riccardo Claudi
Emanuele Pace

SOC:
Fabrizio Capaccioni
Barbara Cosciotti
Lucia Marinangoli
Elisabetta Mattei
Francesco Salvini
Gene Walter Schmidt

LOC:
Lorenzo Betti
Clarissa Calamai
Riccardo Ciantini
Madanna Michelagnoli
Luca Naponiello
Ruggaro Stanga

Antico Spedale di Bigallo, Firenze (Italy)

23 - 25 october 2024

<http://chiantitopics.it>
info@chiantitopics.it



Scientific Rationale

The conference aims to bring together experts from different disciplines (tectonics, geodynamics, geophysics, structural geology, remote sensing, and geological mapping among others) to discuss the general topic of geology of planetary bodies, both in the Solar System and beyond. The growing body of geophysical data collected in the last decades represents the proper tool to improve our understanding of the main topics of the conference, namely rocky, icy and ocean worlds. The main goal is to prepare the next generation of planetary geologists and (geo)physicists to embark on this exciting and challenging research field. Multidisciplinary contributions dealing with studies, observations, experiments/modelling on planetary surface environments (including terrestrial analogues), planetary geodynamics and interactions between endogenous and exogenous processes are warmly welcome. PhD students, post-docs and young researchers are encouraged to submit and present their studies, the results of their research as well as ideas or projects. The Scientific Organizing Committee will select talks and posters by young presenting authors preferentially that will be published in the workshop proceedings. The contribution of invited experts, the discussions during the scientific sessions, and the comparison between different methodologies of investigation will allow for the development or strengthening of synergies also between scientists and young researchers of different fields. The interactions will be also favoured in the friendly and welcoming location in the Chianti-Tuscany during breaks, social events and round tables.

- Topics:
- The physics and chemistry of the planetary surfaces
 - The physics and chemistry of the Solar System planets
 - The physics and chemistry of the Extrasolar planets
 - Interactions between planetary surface and interiors with the atmospheres
 - Modelling soils, geological activity, and interactions with the atmospheres
 - Earth and Space experiments to study planetary environments

Period: 2024 October 23-25

Location: Complesso di Sant'Apollonia, Firenze (Italy).

Typology: International

Organizers: Osservatorio Polifunzionale del Chianti, Università di Firenze, DISTAV Università di Genova, Istituto Nazionale di Astrofisica, Società Geologica Italiana, Sezione Geologia Planetaria della Società Geologica Italiana, Sezione Geologia Strutturale della Società Geologica Italiana, Società Italiana di Scienze Planetarie, Centro Interdipartimentale universitario ORSA.

Chairpersons: Paola Cianfarra, Emanuele Pace, Riccardo Claudi

SOC: Fabrizio Capaccioni, Barbara Cosciotti; Lucia Marinangeli; Elisabetta Mattei; Francesco Salvini; Gene Walter Schmidt.

LOC: Lorenzo Betti, Clarissa Calamai; Riccardo Ciantini; Marianna Michelangioli; Ruggero Stanga.



Participants: Priority to PhD & postdocs

Invited Speakers: G. Piccioni (INAF-IAPS, Italy); Gwenaél Caravaca (CNES-IRAP, France); Graziella Caparelli (University of Southern Queensland, Australia); Enrico Flamini (G. D'Annunzio Chieti University, Italy); Daniele Antonangeli (IMPMC, Sorbonne Université, France)

Invited Topics are:

1. Planetary environments: models
2. Planetary environments: experiments
3. Rocky planet environments
4. Ocean worlds
5. Minor body surfaces
5. Exoplanetary environments
6. Ground/atmosphere interactions

Key dates:

15/04/24: First announcement
31/05/24: Second announcement
31/05/24: Call for Abstracts
31/05/24: Conference Registration open
20/09/24: Abstract submission close
1/10/24: Speaker selection close
23/10/24: Conference Registration close
23/10/24: on-site reception opens
23/10/24: Conference opens

Activities:

23/10/24: Welcome drink
24/10/24: Social Tuscan dinner

Fee:

Participant Full:	300,00 €
Student Full:	150,00 €
Social dinner:	50,00 €

Includes: conference fee, coffee breaks, lunches.

