PLANETARY AND SPACE SCIENCE

AUTHOR INFORMATION PACK

TABLE OF CONTENTS

- Description p.1
- Audience p.2
- Impact Factor p.2
- Abstracting and Indexing p.2
- Editorial Board p.3
- Guide for Authors p.4

DESCRIPTION

Planetary and Space Science publishes original articles as well as short communications (letters). Ground-based and space-borne instrumentation and laboratory simulation of solar system processes are included. The following fields of planetary and solar system research are covered:

- Celestial mechanics, including dynamical evolution of the solar system, gravitational captures and resonances, relativistic effects, tracking and dynamics
- Cosmochemistry and origin, including all aspects of the formation and initial physical and chemical evolution of the solar system
- Terrestrial planets and satellites, including the physics of the interiors, geology and morphology of the surfaces, tectonics, mineralogy and dating
- Outer planets and satellites, including formation and evolution, remote sensing at all wavelengths and in situ measurements
- Planetary atmospheres, including formation and evolution, circulation and meteorology, boundary layers, remote sensing and laboratory simulation
- Planetary magnetospheres and ionospheres, including origin of magnetic fields, magnetospheric plasma and radiation belts, and their interaction with the sun, the solar wind and satellites
- Small bodies, dust and rings, including asteroids, comets and zodiacal light and their interaction with the solar radiation and the solar wind
- Exobiology, including origin of life, detection of planetary ecosystems and pre-biological phenomena in the solar system and laboratory simulations
- Extrasolar systems, including the detection and/or the detectability of exoplanets and planetary systems, their formation and evolution, the physical and chemical properties of the exoplanets
- History of planetary and space research
AUDIENCE

Astronomers, Astrophysicists, Atmospheric Physicists, Geophysicists and Planetologists.

IMPACT FACTOR

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INTRODUCTION
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Journal abbreviations source

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