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

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- **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.

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INTRODUCTION
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