

Max planck solar system research





Overview

The Max Planck Institute for Solar System Research (abbreviation: MPS; : Max-Planck-Institut für Sonnensystemforschung) is a in and located in , , where it relocated in February 2014 from the nearby village of . The exploration of the is the central theme for research done at this institute.

Max-Planck-Institut für Sonnensystemforschung (MPS) 20 Katlenburg-Lindau 2002.

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The research focus of the Max Planck Institute for Solar System Research is our cosmic neighborhood: the solar system with its planets and moons, comets and asteroids as well as the sun. The aim of the scientists is to describe the processes in the solar system in models and to simulate them on the.

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The cosmic neighborhood of the Earth is the central topic of the research at the Max Planck Institute for Solar System Research: the solar system with its



planets, moons and diverse small bodies like comets and asteroids, and, of course, the Sun. Based on numerical simulations and novel measurement.

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MPS
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The eight planets in our Solar System could hardly be more different. Their diversity ranges from hot, desert-like Mercury to water-rich Earth to the enormous gas giants at the edge of the Solar System with their numerous moons. The overall goal of the scientific work of the Planetary Sciences. What is the Max Planck Institute for Solar System Research?

Our immediate cosmological surroundings are the research focus of the Max Planck Institute for Solar System Research: the solar system with its planets and moons, its comets and asteroids, and of course the Sun. The aim of the scientists is not only to theoretically model the workings of the solar system and simulate them on the computer, however.

What is Max Planck Society (MPS)?

MPS is a part of the Max Planck Society, which operates 80 research facilities in Germany. MPS is organised in three departments: Sun and Heliosphere, Planets and Comets, and Solar and Stellar Interiors. In addition, since 2002 there is also an International Max Planck Research School.

What does Max Planck Institute do?

Planetary science at the Max Planck Institute MPS lead by director Thorsten Kleine. Space missions to planets, comets and minor bodies of the solar system. Planetary sciences studies on planet Mercury, Mars, Venus, Saturn, Jupiter. Spacecraft and instrument development. Earth sciences, geosciences, studies of planet Earth.

What happened to the Max Planck Institute?

The full transfer from Fraunhofer to Max Planck Society and the appointment of W. Dieminger as director followed by the transfer of the Max Planck Institute of Stratosphere Research from Weisenau near Ravensburg to Lindau and another renaming to "Max Planck Institute for Aeronomy" completed the



built up.

What is IMPRS for Solar System Research?

The MPI for Solar System Research offers the PhD programme "International Max Planck Research School (IMPRS) for Solar System Science" together with the University of Göttingen. The Solar System School offers a three-year course of study emphasizing actual research.

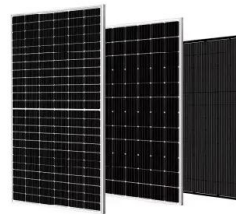


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OSIRIS camera on Rosetta

Cometary science at the Max Planck Institute for Solar System Research. OSIRIS is the scientific imaging system on the orbiter of ESA's Rosetta mission to comet 67P/Churyumov-Gerasimenko. OSIRIS means Optical, Spectroscopic, and ...



Department Sun and Heliosphere

Research of the department Sun and Heliosphere, director Sami Solanki. Solar physics research groups working on dynamo, activity, sunspots, solar cycle, coronal heating, heliosphere. Focus on the atmosphere of the Sun with its rich ...

[Max Planck Institute for Solar System Research](#)

OverviewResearchScientific projectsDegree programmeHistoryDirectors of the instituteNames of the instituteExternal links

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[Max Planck Institute for Solar System Research](#)

The current Institute Brochure provides introductory information about the main areas of research at the Max Planck Institute for Solar System Research. It also contains interesting facts about the Institute's technical ...



Solar Superflares once per Century

This estimate is based on an inventory of 56450 sun-like stars, which an international team of researchers led by the Max Planck Institute for Solar System Research (MPS) Germany presents on Friday, December 13th, ...



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Startseite

Max-Planck-Institut für Sonnensystemforschung.
Wissenschaftliche Arbeiten über das
Sonnensystem mit seinen Planeten und Monden,
mit seinen Kometen und Asteroiden und
natürlich mit der Sonne. Sonnenphysik und
Sonnenforschung ...



[MPS: Research Areas, Fields of Activity and Staff](#)

Research Areas, Fields of Activity and Staff The exploration of the solar system is central to the Institute's scientific work, which can be split into three major fields of research: Department The Sun and Heliosphere Director: Prof. Dr. Sami K. ...





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