

Mignard François



I Scientific Work

Research Interests:

Main Fields:

- Space Astrometry
- Space Reference frames

Secondary Fields:

- Solar System Dynamics
- Lunar Laser Ranging
- Gravitational Physics
- Time Metrology

Other

- Chair of the IAU Working Group on the ICRS
- Associate member of the Bureau des Longitudes
- Member of the French National Committee of Scientific Research (Astronomy)
- Chair of the High Scientific Committee of the Observatory of Paris
- Member of the Science Council of the Institut de Mécanique Céleste
- Member of the Science and Administrative Council of the Observatory of Côte d'Azur
- Member of the CNES advisory committee on fundamental physics
- Member of the Scientific Advisory Board of the Astronomisches Rechen-Institut

- Member of the GAIA Science Team (ESA)
- Chair of the GAIA Solar System working group
- Chair of the GAIA Relativity and Reference Frame working group

François Mignard is a member of the Gaia Science Team and chair of the Data Analysis Consortium Committee (DACC). In this latter role he leads the effort to form the Gaia Data Processing Consortium which will be responsible for treating the enormous dataset generated by Gaia. Prior to Gaia François played a key role in the Hipparcos mission as part of the FAST data reduction consortium. He also leads two of the Gaia working groups: the solar system working group, and the relativity and reference frame working group. This reflects his scientific interests which are in the fields of astrometry, reference frames, solar system objects and planetary detection.