



Interball in the ISTP Program

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Book Condition: New. Publisher/Verlag: Springer Netherlands | Studies of the Solar Wind-Magnetosphere-Ionosphere Interaction | Proceedings of the NATO Advanced Research Workshop on Coordinated Studies of the Solar Wind-Magnetosphere-Ionosphere Interaction: Interball in the ISTP Program, held in Kosice, Slovakia, 7-11 September, 1998 | An up-to-date progress report on the current status of solar-terrestrial relation studies with an emphasis on observations by the Russian Interball spacecraft and the Czech Magion subsatellites. Papers in the volume describe the various spacecraft in the International Solar-Terrestrial Program and the research questions that they are being used to address. The emphasis is on correlative studies employing multiple instruments and multiple spacecraft. The book begins with a description of each spacecraft active in 1998 and describes the roles they can play in correlative studies. This is followed by an up-to-date status report concerning ongoing studies of the solar wind, foreshock, bow shock, magnetopause, magnetotail, and ionosphere, with an emphasis on the observations made by the four Interball spacecraft. Readership: Researchers and graduate students of space physics and astrophysics. | Preface. Equator-S: Mission and first results; W. Baumjohann, G. Haerendel. Multi-point substorm observations of the outer plasma sheet dynamics on November 13, 1996; N.L. Borodkova, et al. The...



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