

International Space Environment Conference 2001

Radiation Belt Science and Technology

July 23-27, 2001, Queenstown, New Zealand



The International Space Environment Conference 2001: Radiation Belt Science and Technology, also known as ISEC 2001, is the seventh in a series of international meetings devoted to advancing our understanding of Earth's space environment and its effects on technology and on humans in space. Previous meetings were held in Dubna (Russia), Taos, New Mexico (USA), Brussels (Belgium), The Hague (The Netherlands), Moscow (Russia), and Farnborough (United Kingdom). The primary emphasis of ISEC 2001 will be radiation belt science and technology, but papers on other energetic charged particles and their effects are also encouraged. Topics to be covered include:

- Theory, modeling and observations of radiation belt particles, cosmic rays and solar energetic particle events.
- ULF and VLF waves and their effects on energetic charged particles.
- Radiation effects on spacecraft and on humans in space.
- Radiation dose models and measurements, radiation shielding and radiation transport codes.
- Aspects of space weather relevant to the radiation belts.

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Organizing Committee

Conference Administrator: Ms. Umbe Cantu
Rice Space Institute, MS 108
Rice University
6100 Main Street
Houston, TX 77005-1892
USA
Email: umbe@rice.edu
Tel: 713-348-4939
Fax: 713-348-5143
Anthony Chan (Rice University, USA)
Craig Rodger (University of Otago, New Zealand)

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Abstract and Early Registration Deadline: April 2, 2001

Conference Website: <http://spacsun.rice.edu/~aac/isec2001/>