

Aims

In the beginning of the 21st century, scientists in the fields of radiation physics, chemistry, biology, and medicine are faced with the need to predict health effects of space radiation and to overcome the hazards in long-term space missions. A permanent human presence in space cannot be achieved without countermeasures for protecting astronauts from various types of risks. This workshop will bring together investigators active in the field to exchange information on scientific advances and to consider likely opportunities for future breakthroughs.

Topics of the Workshop

- The space radiation environment
- Health effects expected in long space missions
- Biological effects and biomarkers of charged particle radiation
- Physical countermeasures for space radiation risks to human exploration
- Medical countermeasures for space radiation risks to human exploration
- Recent advancement in cancer therapy related to space radiation effects
- Life-time risk control for astronauts
- International collaboration on space radiation research and cancer therapy

Organizers

- National Institute of Radiological Sciences (NIRS)
- Nara Medical University
- National Aeronautics and Space Administrations (NASA)

Scientific Program Committee (preliminary list)

SCHIMMERLING, Walter (USA)
REITZ, Gunther (Germany)
CUCINOTTA, Francis A. (USA)
DICELLO, John F. (USA)
BELLI, Mauro (Italy)
MILLER, Jack (USA)

ABE, Mitsuyuki (Japan)
YANO, Yasushige (Japan)
SEKIGUCHI, Chiharu (Japan)
TUJII, Hirohiko (Japan)
FUJITAKA, Kazunobu (Japan)
OHNISHI, Takeo (Japan)

Local Organizing Committee in Japan

OHNISHI, T. (Nara Medical Univ.) - Chairperson
FUJITAKA, K. (NIRS) - Vice Chairperson
YASUDA, H. (NIRS) - Scientific Secretary
NAKANO, T. (NASDA)
YATAGAI, F. (RIKEN)
FUKUDA, S. (NIRS)
ANDO, K. (NIRS)

Supporting Institutions (preliminary list)

- National Space Development Agency of Japan (NASDA)
- RIKEN (The Institute of Physical and Chemical Research)
- Nara Prefecture
- Academic Societies (T.B.D.)
- Private companies (T.B.D.)

Important Dates

February 2001 : First announcement (this issue)
September 2001 : Second announcement (Call for papers and Pre-registration)
December 2001 : Deadline for abstracts
February 2002 : Final announcement (program, site map, hotels, etc.)
March 2002 : The Workshop & Deadline for full papers
August 2002 : Completion of proceeding reviewing
February 2003 : Publication of the proceedings

Notices for Participants

Proceedings will be published as supplement(s) of an international academic journal. Submission of full texts will be requested for invited speakers and encouraged for other presentations. Instructions for authors will be informed in 2nd announcement.
Time for oral presentation will be very limited. The oral sessions will be devoted to invited presentations selected from broad scope. Most participants may be requested to do poster presentations and promote communication among participants in poster-viewing sessions.

Financial Assistance for Young Scientists

Limited funds will be available to assist young scientists attending the Workshop with the partial support for travel and stay expenses. Further information will be provided in 2nd announcement.

Second Announcement Information

To receive the Second Announcement, please fill out the information coupon and mail, e-mail or fax it to the Workshop Secretariat before August 1, 2001.

IWSSRR-2

Last name : _____
First name : _____
Institution / Company : _____
Address : _____
City / Town : _____ Zipcode : _____ Country : _____
FAX : _____ e-mail : _____ Phone : _____
Please check:
I would like to receive the second announcement of the workshop
I plan to attend the workshop
I plan to submit an abstract
I am interested in applying for the financial assistance for young scientists