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# JOURNAL

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COMMITTEE ON THE PEACEFUL USES OF OUTER SPACE

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SCIENTIFIC AND TECHNICAL SUBCOMMITTEE  
FORTY-THIRD SESSION  
Vienna, 20 February – 3 March 2006

TUESDAY, 21 FEBRUARY 2006

No. 3

**Programme of Meetings and Agenda for  
Tuesday, 21 February 2006**

10.00 a.m.-  
1.00 p.m.

640<sup>th</sup> meeting

Conference  
Room III

*Agenda Item*

*Item No.*

General exchange of views

[4]

United Nations Programme on Space  
Applications

[5]

Remote sensing

[7]

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3.00 p.m.

641<sup>st</sup> meeting

Conference  
Room III

General exchange of views

[4]

United Nations Programme on Space  
Applications

[5]

Implementation of the recommendations of  
the Third United Nations Conference on  
the Exploration and Peaceful Uses of Outer  
Space (UNISPACE III)

[6]

## WORKING GROUP OF THE WHOLE

Afternoon\*

(Closed)

Conference  
Room III

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\* Following the adjournment of the 641<sup>st</sup> meeting.

### **Special Presentations on Outer Space Activities**

At the end of the morning session (640<sup>th</sup>) of the Scientific and Technical Subcommittee of the Committee on the Peaceful Uses of Outer Space, *today*, 21 February 2006, there will be one special presentation on “The Russian programme of fundamental space research for 2006-2015” by Mr. A. Alferov of the Russian Federation, in Conference Room III.

### **Joint Technical Workshop on the Objectives, Scope and General Attributes of a Potential Technical Safety Standard for Nuclear Power Sources in Outer Space**

10.00 a.m.-  
1.00 p.m.

Conference  
Room I

Session 3 of the joint technical workshop on the objectives, scope and general attributes of a potential technical safety standard for nuclear power sources in outer space will be held *today*, Tuesday, 21 February 2006, in Conference Room I.

The workshop will hear presentations on “A Review of International Documents and National Processes Potentially Relevant to the Peaceful Uses of Nuclear Power Sources in Outer Space”, on “Reactor Design Consideration for Safe Launch and Operations”, on “Design Safety Considerations for Space Radioisotope Power System”, on “Design Safety Considerations for Launch, Normal Operations and Mission”, on “Outline of objectives, scope and attributes for an international technically-based framework of goals and recommendations for the safety of planned and currently foreseeable nuclear power source applications in outer space”, and on “An Overview of the IAEA’s Essential Elements of a Safety Framework”.

3.00 p.m.-  
5.00 p.m.

Conference  
Room I

Session 4 of the technical workshop will hear presentations on “Minimum Essential Elements of a Safety Framework”.

## **SUMMARY OF SCHEDULED MEETINGS**

### **638<sup>th</sup> meeting**

#### *Adoption of the Agenda [1]*

The provisional agenda (A/AC.105/C.1/L.283) was adopted.

#### *Election of the Chairman [2]*

Mr. B.N. Suresh of India was elected Chairman of the forty-third session of the Subcommittee, and Ms. Mazlan Othman of Malaysia for the forty-fourth session of the Subcommittee.

#### *Statement by the Chairman [3]*

The Chairman made an opening statement outlining the work of the Subcommittee.

#### *Organization of work*

The Subcommittee decided to invite the representatives of Angola, Azerbaijan, Belarus, Bolivia, Dominican Republic, Switzerland, Tunisia and Zimbabwe to participate in the session as observers.

#### *General exchange of views [4]*

The Subcommittee began its consideration of this item with statements by India, Japan, Italy and Hungary.

The Director of the Office for Outer Space Affairs made a statement on the work of the Office.

#### *Joint Technical Workshop on the Objectives, Scope and General Attributes of a Potential Technical Safety Standard for Nuclear Power Sources in Outer Space*

A joint technical workshop on the objectives, scope and general attributes of a potential technical safety standard for nuclear power sources in outer space was held in Conference Room I. Presentations were made by Mr. S. Harbison (Chairman, Working Group on the Use of Nuclear Power Sources in Outer Space), by Mr. C. Mason (International Atomic Energy Agency), by Mr. R. Wilcox (United States of America), by Mr. V. Vasilkovsky (Russian Federation), and by Mr. L. Summerer (European Space Agency).

## 639<sup>th</sup> meeting

### *Industry Symposium*

An industry symposium on the theme “Synthetic aperture radar missions and their applications” was held during the 639<sup>th</sup> meeting of the Scientific and Technical Subcommittee of the Committee on the Peaceful Uses of Outer Space. The symposium was moderated by Mr. Lothar Beckel of Geospace and presentations were made by Mr. G. Staples (MDA Geospatial Services), by Mr. A. Celentano (Eurimage SpA), by Messrs C. Cortes and L. Tripon (Spot Image), by Mr. M.Y.S. Prasad (Antrix Corporation, Ltd.), by Mr. A.J. Jensen (Kongsberg Satellite Services AS), by Mr. J. Herrmann (Infoterra GmbH), by Mr. E. Lopinto (Italian Space Agency), by Mr. G. Riccobono (TELESPAZIO), by Mr. R. Werninghaus (German Aerospace Center), and by Mr. T. Tadono (Japan Aerospace Exploration Agency). Closing remarks were made by the moderator, Mr. Lothar Beckel.

### *Joint Technical Workshop on the Objectives, Scope and General Attributes of a Potential Technical Safety Standard for Nuclear Power Sources in Outer Space*

Session 2 of the joint technical workshop heard presentations by Mr. D. MacPherson (United States of America), by Mr. E. Strakhov (Russian Federation), by Mr. A. Marshall (United States of America), by Mr. R. Wiley (United States of America), and by Mr. X. Raepsaet (France).

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