

DRAFT AGENDA

1 Feb. 2008

Workshop on Transparency Technology for Nonproliferation Cooperation in the Asia Pacific

– Applications of Remote Monitoring and Secure Communications for Regional Confidence Building –

**Co-Sponsored by
JAEA/NPSTC and the University of Tokyo GLOBAL-COE**

20-22 February 2008

Day 1 – Conference (Open Participation & Invited Speakers)

Focus: Overview, Presentations, and Panel Discussions

Place: Conference Room of Sanjo-kaikan (Tokyo University)

9:00-9:30 Arrival and Registration

9:30-9:45 Welcome

- JAEA/NPSTC – Mr. Masao Senzaki, Director
- University of Tokyo Global COE – Professor Oka

9:45-11:50 Overview and Presentations

- Moderated by Dr. Yusuke Kuno, NPSTC/Tokyo Univ.
- 20 minute Presentations followed by 5 minutes Q&A. Additional discussion will be available with the Presenters during the Panel Session

9:45-9:50 Introduction - Outline and presentation of WS

- Dr. Yusuke Kuno, NPSTC/Tokyo Univ.

9:50-10:15 Presentation 1 - East Asia Regional Technology Cooperation Efforts of the USDOE (working title)

- Approaches to Transparency and Framework Concepts, Japan AEC
(Presenter Invited; awaiting confirmation)

10:15-10:40 Presentation 2 - Technology Based “Built-in” Transparency Approach

- Dr. Wan-Ki Yoon, KINAC, ROK (confirmed)

10:40-11:05 Presentation 3 - Perspectives on Transparency from Emerging East Asia Nuclear Energy Countries (working title)

- Dr. Ir. Karyono HS, BATAN, Indonesia (confirmed)

- 11:05-11:30 Presentation 4 - Perspectives on Transparency from Emerging East Asia Nuclear Energy Countries** (working title)
- Dr. Le Doan Phac, VAEC, Vietnam (confirmed)
- 11:30-11:50 Presentation 5 – Transparency and Openness** (working title)
- Dr. Stephan Bayer (ASNO) as delivered by Dr. David Betsill (JAEA)
(confirmed)
- 11:50-11:55 Announcement from Secretary**
- 11:55-13:30 Lunch**
- 13:30-13:55 Presentation 6 - IAEA Perspectives and the Use of Transparency in Nonproliferation** (working title)
- IAEA Presenter Invited from Vienna (tentative acceptance & confirmation)
- 13:55-14:20 Presentation 7 - Transparency in the East Asia and Pacific Rim** (working title)
- Mr. Brad Glosserman, CSIS/ PacForum (confirmed)
- 14:20-14:40 Introduction of Panel Session and Topic – Transparency and Its Many Uses and Definitions**
- Dr. Yusuke Kuno, JAEA/NPSTC (confirmed)
- 14:40-15:10 Coffee Break**
- 15:10-16:50 Panel Discussions – Transparency: Its Role, Type, Definitions, Measures, and Applications in Regional Cooperation**
- Moderator: Mr. Masato Hori, JAEA/NPSTC
- Panelists: Same as morning Presenters
- Select Questions submitted to Panelists, followed by audience Q&A
- 16:50-17:00 Closing Remarks**
- Mr. Masao Senzaki, JAEA/NPSTC
- 17:30-19:30 Evening Reception**

Day 2 – Technical Sessions (Invited Participants)

***Focus:* Transparency Technology Presentations, Technical Demonstrations, and Expert Group Discussions**

***Place:* Meeting Room 201/202 of Sanjo-kaikan (Tokyo University)
(~20 Participants plus Observers)**

- 9:00 Opening Remarks**
- Sessions Moderated by Dr. Mitsutoshi Suzuki, JAEA/NPSTC
- 9:00-9:30 Presentation 1 - Overview of Transparency Measures & Methods (working title)**
- Ms. Kazuko Hamada, JAEA/NPSTC (confirmed)
- 9:30-10:00 Presentation 2 - Potential Roles for Transparency and Associated Technology Needs to Support the Safe, Secure and Peaceful Expansion of Nuclear Energy in East Asia**
- Dr. David Saltiel, SNL (confirmed)
- 10:00- 10:30 Presentation 3 - Transparency RM Technologies and Secure Communications R&D (working title)**
- Dr. Keith Tolk, SNL (confirmed)
- 10:30- 11:00 Presentation 4 - Containment and Surveillance System at the ACPF**
- Dr. CY Lee, KAERI on the ACPF Remote Monitoring System (confirmed)
- 11:00-11:30 Presentation 5 - Operational Monitoring Technology for Transparency Scenarios (working title)**
- Mr. Marius Stein, CANBERRA (confirmed)
- 11:30-12:00 Presentation 6 - Current & Future IAEA Technologies and Directions (working title)**
- Invited Presentation on Next Generation Monitoring Systems (TBD from IAEA Vienna or Tokyo)
- 12:00-13:30 Lunch**
- 13:30- 14:00 Technology Demonstration 1 - Monju Approach to Transparency Monitoring (working title)**
- Mr. Gary Rochau, SNL (confirmed)

- 14:00-14:30 Technology Demonstration 2 – Demonstration of HDIS (Hawk Digital Imaging System) at Joyo RMS Test Bed**
- Mr. Yu Hashimoto and Dr. David Betsill, JAEA/NPSTC (confirmed)
- 14:30-15:00 Technology Demonstration 3 – (Open / TBD – for example: Secure Communications, Information Sharing Methods, Transparency Web Portals, etc.)**
- Open / TBD (JAEA on standby / backup as needed)
- 15:00-15:30 Coffee Break**
- 15:30- 16:50 Group Discussions - Issues and Technologies to Achieve Transparency Cooperation**
- Moderated by Dr. Jor-Shan Choi, Project Professor Univ. of Tokyo
- 16:50-17:00 Brief Introduction to Design Exercise for Day 3**
- Dr. David Betsill, JAEA/NPSTC
- 17:00 Closing Remarks**
- Dr. Yusuke Kuno, NPSTC/Tokyo Univ.

Day 3 – Technical Sessions (Invited Participants)

***Focus:* Group Tabletop Exercise – Experts and G-COE Graduate Students Design Future, Hypothetical, Regional Transparency Networks**

***Place:* Meeting Room 201/202 of Sanjo-kaikan (Tokyo University)
(~20 Participants plus Observers)**

- 9:00** **Opening Remarks**
- Dr. Yusuke Kuno, NPSTC/Tokyo Univ.
- Group Sessions Coordinated by Dr. David Betsill, JAEA/NPSTC
- 9:00-12:00** **Interactive Design of Hypothetical, Regional Transparency Network by Global-COE Students and International Expert Group**
- Co-Moderation & Facilitation by Dr. Manfred Zendel, IAEA, and Mr. Gary Rochau, SNL
- Session Secretary: Mr. Marius Stein, CANBERRA
- 12:00-13:30** **Lunch**
- 13:30-15:00** **Roundtable Group Discussions and Summary – Key Issues Identified During Workshop and Technical Solutions for Transparency Applications**
- Co-Moderation & Facilitation by Dr. Keith Tolk, SNL, and Mr. Masato Hori, JAEA/NPSTC
- Session Secretary: Dr. David Saltiel, SNL
- 15:00-15:30** **Coffee Break**
- 15:30-16:30** **Roundtable Group Discussions and Summary (conclusion)**
- 16:30** **Closing Remarks, Wrap Up, and Farewell**
- Dr. Yusuke Kuno, NPSTC/Tokyo Univ.
- Dr. David Betsill, JAEA/NPSTC