

ISO/IEC JTC 1
Information Technology

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Information and Request for Contributions

5th JTC 1 Technology Watch Workshop

Nara New Public Hall, Nara City, Japan

Tuesday, 11 November 2008

General information

ISO/IEC JTC 1 is the joint technical committee formed by the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) to establish international standards in the field of Information Technology.

JTC 1 addresses standardization needs for a seamless, secure global information infrastructure through its 17 sub-committees (see accompanying JTC 1 information).

The scope of JTC 1 work encompasses standards used in specification, design and development of IT systems and the processing and management of information. Examples include:

- JPEG and MPEG imaging standards
- ISO/IEC 27000-series (formerly 17799) information security standards
- Software and Systems Engineering Processes - ISO/IEC 12207, 15288, 15504, 20000, 38500, 90003 and 90005
- Standards in areas as diverse as: code sets for information interchange, wireless devices and networks, programming languages (e.g. SQL, C++), digital media, identification cards, geospatial information, metadata and biometrics.

At the invitation of the Japan Standards Association, ISO/IEC JTC 1 is holding its annual plenary at, Nara, Japan, from 10-15 November 2008.

JTC 1 holds a one day "Technology Watch" workshop during the meeting to examine emerging needs and technologies in the ICT field that are potentially relevant to JTC 1 and to understand the contributions of organisations working with these technologies.

The fifth Technology Watch workshop is scheduled for Tuesday, 11 November. It provides a unique opportunity for experts from organisations in Japan and other members of JTC 1 to benefit from the knowledge and resources of JTC 1 and to contribute ideas and feedback to some of the leading people in this peak international IT standards forum.

The Chairpersons of the JTC 1 Sub-committees, as well as IT experts from more than 15 countries are expected to attend the plenary meeting and workshop.

Experts in industry, academia, government and NGOs are invited to make contributions on emerging technologies and the challenges of applying them efficiently, effectively, safely and reliably to benefit human society.

5th JTC 1 Technology Watch Workshop

This call for participation also aims to solicit suggestions for appropriate topics as well as seeking participation and offers of contributions in areas relevant to JTC 1. Perspectives from both developed and developing regions of the world are invited.

The following are among topics already suggested for discussion, although other topics in the ICT field relevant to the work of JTC 1 would also be potentially acceptable:

- Environment and IT standards (major theme), including:
 - Green IT
 - IT contributions to sustainability
- Nano materials and risks management in the context of IT
- IT in consumer electronics
- Robot technologies and sensor networks
- Natural language support
- IT standards and education
- Environmental scan for JTC1

Further Information

For further information, please contact either of the two co-chairs of the Workshop:

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Potential Contributions

Potential contributors are invited to submit an abstract (one page) of proposed presentations by e-mail to the workshop co-chairs **by 8 September 2008**. Please also include your contact details, such as name, position and title, telephone number and email address, together with a short CV of your experience. All proposals will be reviewed by the Workshop Program Committee. Length of a presentation should not exceed 20 minutes.