

Fourteenth International Symposium on **REACTOR DOSIMETRY**

May 22-27, 2011

Mt. Washington Resort
Bretton Woods, NH, USA

ANNOUNCEMENT AND CALL FOR PAPERS

<http://www.reactordosimetry.com>

□ **Scope and Topics**

The Fourteenth International Symposium on Reactor Dosimetry will be held May 22-27, 2011 at the Mount Washington Resort in Bretton Woods, New Hampshire, USA. This Symposium is held approximately every three years to provide a forum for the interchange of state-of-the-art techniques, data, and standardization of radiation metrology.

This Symposium is jointly sponsored and organized by ASTM International and the European Working Group on Reactor Dosimetry. The Symposium theme is dosimetry for the assessment of irradiated reactor materials and reactor experiments, featuring radiation metrology techniques, data bases, and standardization. Under this theme, papers are solicited for presentation in the following areas:

- Reactor surveillance and plant-life management
- Data evaluation, uncertainty analysis, and adjustment methods
- Retrospective dosimetry and decommissioning
- Dosimetry for assessment of reactor structural materials
- Neutron and gamma-ray transport calculations
- Dosimetry for core characterization and reactor physics
- Characterization of neutron and gamma-ray environments
- Damage correlation and exposure parameters
- Monitoring of irradiation experiments
- Nuclear data for dosimetry
- Benchmarking, calibrations, and standards
- Fusion and high-energy neutrons
- Dosimetry for advanced reactor concepts
- Neutron sources (reactor and accelerator)
- Irradiation processing and testing of electronics
- Experimental techniques, new developments, and optical methods
- Dosimetry for space nuclear power

Papers in these and other areas are expected to cover such applications as fission and fusion energy research and experiments at test reactors and research facilities. Please note that Health Physics papers are outside the scope of this Symposium and will not be considered for acceptance.

The Symposium will be organized into oral and poster presentations, as well as informal round-table workshops. The meeting language will be English. No translations will be provided.

□ **Submission of Summaries**

Prospective authors must submit a summary with a minimum of 300 words of text. The summary must include significant new results and may include figures, tables, and references. The summary may be up to two pages in length and must include a clear statement of the objective, the approach, and references giving credit to previous work. The summaries will be reviewed for suitability for this Symposium and for compliance with the required specifications. The summaries, presentations, and papers may not be of a commercial nature, and they must consist primarily of material that has not been previously published. The summaries will be printed in the final program booklet of the meeting to provide a complete record of presentations at the meeting to registrants. The summaries must be submitted electronically by September 10, 2010 in accordance with the procedures and specifications given at the Symposium website <http://www.reactordosimetry.com>. Authors will be notified of acceptance by November 19, 2010. Previously accepted summaries may be updated as late as January 10, 2011. For further information, please visit the Symposium website.