



*Fusion Science and Technology (FS&T)* is pleased to publish the proceedings from the Ninth International Conference on Tritium Science and Technology, held at Nara, Japan, on October 24–29, 2010.

About 300 meeting participants presented 266 papers. After the peer review process, 169 papers are included in two issues of *FS&T* (Part 1, October 2011, and Part 2, November 2011).

We are deeply indebted to the Publications Committee and the referees for their efforts in enforcing journal review requirements and to the Program Committee members for the dedicated effort they put into this issue. Special thanks are due Prof. Akio Komori [National Institute for Fusion Science (NIFS)], chair, International Organizing Committee; Prof. Satoru Tanaka (University of Tokyo, Japan), chair, National Organizing Committee; Prof. Tetsuo Tanabe (Kuyushu University, Japan), chair, Technical Program Committee; and Prof. Masao Matsuyama (University of Toyama, Japan), chair, Publications Committee and guest editor.

These proceedings include a good cross section of papers reporting new developments and progress from all areas of tritium science and technology. While a portion of the papers deals with nonfusion applications for tritium, publication of papers from all disciplines in *FS&T* is most appropriate. *FS&T* is pleased to be recognized as a “home” for important publications in this area.

The publications from the previous (second through ninth) conferences in this series are as follows:

- 2nd Tritium Proceedings: *Fusion Technology (FT)*, Vol. 8, No. 2 (Sep. 1985);
- 3rd Tritium Proceedings: *FT*, Vol. 14, No. 2 (Sep. 1988);
- 4th Tritium Proceedings: *FT*, Vol. 21, No. 2 (Mar. 1992);
- 5th Tritium Proceedings: *FT*, Vol. 28, No.3 (Oct. 1995);
- 6th Tritium Proceedings: *FS&T*, Vol. 41, No. 3 (May 2002);
- 7th Tritium Proceedings: *FS&T*, Vol. 48, No. 1 (July/Aug. 2005);
- 8th Tritium Proceedings: *FS&T*, Vol. 54, Nos. 1 and 2 (July and Aug. 2008).

We extend special appreciation to the organizers: NIFS for its support, the various local/international committees for their assistance, the reviewers for their efforts, and the authors for their work. Our thanks go to all who made it possible. We look forward to continuing this process for the next meeting in this series that will be held in Nice, France, in 2013.

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