

9th International Conference on Tritium Science and Technology



"TRITIUM 2010"

October 24-29, 2010, Nara, Japan
Nara Prefectural New Public Hall

Scope

The 9th International Conference on Tritium Science and Technology continues the long tradition of meetings covering all topics on tritium originally founded in 1980 in Dayton, Ohio.

The objective of the conference is to provide a forum for an exchange of information on science, technology, engineering, and general experience in safe tritium handling for fusion, fission, and other isotopic applications.

This conference will offer a timely opportunity to discuss several recent international developments: commitments to incorporate tritium in large scale magnetic and inertial confinement fusion machines, renewed interest to mitigate tritium emissions in the fission power industry, and the expansion of the tritium handling industry.

Tritium 2010 is intended to attract not only veteran tritium experts but also scientists, engineers and students who are new to the various fields of handling hydrogen isotopes.

List of Topics

The fields of tritium conference include physics, chemistry, biology, environmental science, fission and fusion technology, isotopic applications, etc.

The topics related to tritium and hydrogen isotopes are following:

1. Containment, safety, and environmental impact
2. Decontamination and waste management
3. Detritiation, purification, and isotopic separation
4. Handling facilities
5. Industrial and biomedical applications
6. Interactions with materials
7. Isotope effects
8. Measurement, monitoring, and accountability
9. Processing, transport, and storage
10. Tracer technique
11. Others

Venue

The conference will be held in Nara Prefectural New Public Hall. It is located in the center of Nara National Park, which is famous for its beauty and 1,200 tame deer.

Chairman

The International steering Committee	S. Willms	LANL, USA
The International Organizing Committee	A. Komori	NIFS, Japan
The National Organizing Committee	S. Tanaka	University of Tokyo, Japan

Scientific Program and Publication

The conference program will consist of oral and poster sessions. Papers accepted after usual review process will be published in a special volume of "Fusion Science and Technology"

Working Language

The working language for the TRITIUM 2010 is English.

Key Dates

First announcement	May 1, 2009
Call for paper	October 1, 2009
Abstract submission	Open from November 1, 2009
Abstract	Due February 14, 2010
Notification to authors	May 31, 2010
Early registration	Due July 15, 2010
Manuscript	Due September 30, 2010

Conference Secretariat

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