

PTTI Objectives

The objectives of the PTTI Systems and Applications Meeting are to:

- Disseminate and coordinate PTTI information at the user level;
- Review present and future PTTI requirements;
- Inform Government and Industry engineers, technicians, and managers of precise time and frequency technology and its problems; and
- Provide an opportunity for an active exchange of new technology associated with PTTI.

PTTI 2010 Session Topics include:

- PTTI Vendor Presentations
- Time and Frequency Standards Laboratories: Activities and Updates
- Time Transfer — Theory, Techniques and Applications
- PTTI in Current Applications
- Atomic and Advanced Clocks
- Novel PTTI Applications
- Time Scales, Algorithms & Methods
- Timing Systems & Applications
- Military Applications
- Global Navigation Satellite Systems (GNSS)
- Receivers — Timing and Calibration
- Student Poster Competition

Tutorials

The tutorials will be offered prior to **PTTI 2010** on **Monday, November 15, 2010**. Introductory and advanced tutorials will focus on such topics as atomic frequency standards, timescales, time transfer, statistical methods for timing, and more!

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PTTI  2010

Call for Papers

*42nd Annual
Precise Time and
Time Interval
Systems and Applications
Meeting*

November 15 — 18, 2010

**Hyatt Regency Hotel
Reston, Virginia**

PTTI 2010 Meeting Chairs

General Chairman

Dr. Leo A. Mallette

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PTTI Executive Board Chairman

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PTTI 2010 Sponsored By

U.S. Naval Observatory
U.S. Naval Research Laboratory
NASA Jet Propulsion Laboratory
U.S. Coast Guard Navigation Center
Defense Information Systems Agency

PTTI on the Web

Access the PTTI website at
<http://www.pttimeeting.org>
Online registration will be available.

Abstract Submission

PTTI 2010 focuses on Time dissemination, GNSS timing performance, user applications, precision time and frequency transfer techniques, and future timing equipment.

Submit a one-page abstract (350 words or less) of your paper describing the objectives, results, conclusions, and significance of your work. Please list all contributing authors and affiliations and provide contact information for the primary author including mailing address, phone and fax numbers and email address.

Submit abstracts by email as a Microsoft Word attachment to papers@pttimeeting.org or by mail to Technical Program Chairman **Mrs. Rachel Binfield** no later than **July 1, 2010**. Authors will be notified of acceptance by early August 2010.

The Author's Kit, with publication guidelines, will be available on the PTTI website by **September 1, 2010**. Address questions to Editorial Chairman **Dr. Lee Breakiron**.

Student Poster Competition

PTTI 2010 and FEI will sponsor a student poster competition. With a sufficient number of entries, there will be two separate categories for the competition: Undergraduate and Graduate. Students are asked to submit abstracts under the same format as regular submissions, in any area dealing with "precise" timekeeping systems or applications. Given the breadth of topics that might be addressed (i.e., biological to geophysical to astronomical), students may submit abstracts for posters dealing with literature reviews, laboratory work, or computational investigations. Students must agree to write a paper dealing with their poster, and the paper will appear in the conference proceedings. Winners will be decided based on creativity, originality, and presentation. Abstracts and selected papers should be submitted by email as a Microsoft Word attachment to student@pttimeeting.org no later than July 1, 2010. Questions should be addressed to **Mrs. Rachel Binfield**, rachel.binfield@jhuapl.edu or 240-228-3484.

Presented Papers and Proceedings

Final papers must be submitted by **November 18, 2010** to:

Editorial Chairman

Dr. Lee Breakiron

U.S. Naval Observatory
Time Service Department
3450 Massachusetts Avenue, NW
Washington, DC 20392-5420
202-762-1092, Fax 202-762-1511
lee.breakiron@usno.navy.mil

The **PTTI 2010** published Proceedings will be mailed to attendees in mid 2011.

Exhibits

If you will be exhibiting, please contact:

Exhibits Co-Chairmen

Mr. Gary Geil

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Registration

Full Registration includes all technical sessions, a copy of the Proceedings and the Tuesday evening reception.

Full Registration postmarked

| | |
|--|-------|
| On or before October 15 | \$550 |
| After October 15 and onsite..... | \$600 |
| * One Day Registration..... | \$200 |
| * Retiree Registration..... | \$75 |
| Full-Time Student Registration..... | \$50 |
| *does not include Proceedings or reception | |

Tutorials Registration postmarked

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|---|-------|
| On or before October 15 | \$250 |
| After October 15 and onsite..... | \$300 |

Hotel and Transportation

PTTI 2010 will take place at the Hyatt Regency Hotel, located in the Reston Town Center, Reston, Virginia just outside of Washington, DC. The Reston Town Center is less than 10 minutes from the hotel and includes a wide variety of shops and restaurants. For reservations, call 703-709-1234, Fax 703-925-8295 or on the web at www.reston.hyatt.com.

Information regarding the official car rental agency for **PTTI 2010** will be posted on the PTTI website.

International Attendees

We recommend that you apply for a visa at least 6 months in advance due to security policies that have greatly increased processing time, such as interviews and mandatory waiting periods. **Visa waiver travelers from ALL 36 Visa Waiver Program countries must complete the mandatory online ESTA registration**; otherwise, a visa is required.

For visa information, please visit <http://travel.state.gov/visa> and <https://esta.cbp.dhs.gov/esta/esta.html>.