

**AMTE PRECONFERENCE EVENTS**  
**Thursday morning, February 5, 2009**

There will be several Preconference Events held on Thursday morning, February 5, 2009, at the 2009 AMTE Conference at the Orlando Airport Marriott Hotel. Each session requires pre-registration; information is below. No onsite registration will be available. Please contact the organizers for more information.

**TECHNOLOGY WORKSHOP**

**Using Technology Standards for Mathematics Teachers to Design Learning Environments and Experiences for Methods Courses**

Organizers/Presenters: AMTE Technology Committee: Maggie Niess, Chair ([niessm@onid.oregonstate.edu](mailto:niessm@onid.oregonstate.edu)), Shannon Driskell ([Shannon.Driskell@notes.udayton.edu](mailto:Shannon.Driskell@notes.udayton.edu)), David K. Pugalee, Bob Ronau, Suzanne Harper, Kathy Shafer, Chris Johnston, and Marcia Weller Weinhold  
Time: 9:00 a.m. – 12:00 p.m.  
Session limit: 40 participants

Description: Engage in the development of effective instructional strategies directed toward the development of preservice mathematics students' TPACK (Technology, Pedagogy, and Content Knowledge). Instructional strategies reflect the TPACK standards completed through the Technology Committee's efforts during 2008.

To Register: Indicate your interest on the AMTE Conference Registration Form.

**NCTM's NCATE Program Reviewer Training Workshop**

Sponsored by the National Council of Teachers of Mathematics  
Organizer/Presenter: Monique Lynch ([mlynch@nctm.org](mailto:mlynch@nctm.org))  
Time: 8:00 a.m. – 12:00 p.m.  
Session limit: 30 participants

Description: The mathematics program review process for NCATE has undergone a complete change since the completion of spring 2004 reviews. This session is designed to prepare potential program report reviewers for the new NCATE system.

To Register: E-mail [nctmncate@nctm.org](mailto:nctmncate@nctm.org) and indicate that you are interested in attending reviewer training on February 5. There is no charge to attend, but the completion of an application and pre-registration for the workshop are required. For more information, see <http://www.nctm.org/ncate.aspx>.

**To CAS or NOT to CAS...**

Sponsored by Texas Instruments  
Presenter: Steve West, Faculty Director of GREAT Day and Distinguished Teaching Professor of Mathematics Emeritus, SUNY at Geneseo, NY

Time: 9:00 a.m. to 12:00 p.m.  
Session limit: 25 participants

Description: With the introduction of capable and inexpensive hand held computer algebra systems (CAS), the teaching of mathematics has entered a new and exciting yet critical stage. Every CAS system has the capability of duplicating virtually all of the symbolic manipulation found in most high school and college algebra, pre-calculus, and calculus courses. The question becomes: What role does CAS play, if any, in the teaching of these courses and in the preparation of pre-service mathematics teachers? The major focus of this session will be on the pedagogical implications of using a CAS system to enhance the teaching and learning of algebra, pre-calculus and calculus. In addition, the role of CAS in assessment will also be discussed. Attendees will have the opportunity to get hands-on with the TI-Nspire CAS learning handheld.

To Register: There is no registration fee but you must register for the workshop by sending an email to Paula Watson at [pwatson@ti.com](mailto:pwatson@ti.com). Please include the phrase “AMTE TI Workshop” in the subject line of your email.