

REGISTRATION INFORMATION

\$200/person for MALSCE members; \$250/person for non-members. Registration fee includes two snack breaks, lunch and all seminar handouts. Registration deadline: **Friday, May 9**. Those who register after this date must pay a \$20 late fee. A 50% refund will be given for cancellations made by May 9. No refunds will be given after this date. No-shows will be billed.

Fax or mail your registration to:

**MALSCE, The Engineering Center
One Walnut Street
Boston, MA 02108-3616
Fax: 617/227-6783**

Or use Visa, MC or AmEx to register online at www.engineers.org

Questions? Contact Adam Webb at 617/305-4105 or malsce@engineers.org

CONTINUING EDUCATION

This seminar is worth 6.5 professional development hours. All seminar participants will receive a certificate documenting attendance at the end of the seminar. Please complete the registration form with your legal name, address and other contact information so that you will be properly identified on the certificate.

TAX INFORMATION

Expenses incurred for education undertaken to maintain and improve professional skills (including travel, meals, lodging) may be tax-deductible.

LOCATION

The Conference Center at Waltham Woods is located at 860 Winter Street, Waltham, MA 02451. From Route 128/I-95, take Exit 27B to Winter Street. (If coming from the south, turn right on Wyman Street and bear right onto Winter Street.) Remain in the far right lane through two sets of lights. Travel around the Cambridge Reservoir and turn left at the granite sign announcing HealthPoint and Waltham Woods Corporate Center. Follow the green signs to Waltham Woods Corporate. Turn left into the parking lot for the Massachusetts Medical Society. Park near the Conference Center entrance. Map and directions at www.conferencecenteratwalthamwoods.com

REGISTER ONLINE: CLICK EVENTS AT WWW.ENGINEERS.ORG

The Engineering Center
One Walnut Street
Boston, MA 02108



presents:

SINGLE-RECEIVER SURVEY-GRADE GPS with Raymond Hintz

Full Day Seminar
Friday, May 16, 2008
7:30 - 8:00 AM Registration
8:00 AM - 4:00 PM Seminar

The Conference Center
at Waltham Woods
860 Winter Street
Waltham, MA, off Route 128/I-95
Exit 27B.

REGISTER ONLINE: CLICK EVENTS
AT WWW.ENGINEERS.ORG



Single-Receiver Survey-Grade GPS

Friday, May 16, 2008

The Conference Center
at Waltham Woods
860 Winter Street
Waltham, MA

DESCRIPTION

Historically survey-grade GPS required use of two receivers simultaneously observing in differential mode. Recent innovations now allow one to obtain survey grade accuracies with use of one survey grade GPS unit. In post-processing operations it will be shown how OPUS, OPUS-RS, Precise Point Positioning (PPP) can be used to obtain reliable positions. Proper interpretation of results will be a key instructional procedure. The use of Real-Time Kinematic networks in New England using cell modem technology will also be illustrated independent of GPS receiver manufacturer. Field and office demonstration of all techniques will be provided. Use of these techniques to

create control coordinates for conventional GPS networks will also be discussed. Localization techniques to enhance the Real-Time Kinematic results will be illustrated.

The seminar will be very question and answer format in nature.

WHO SHOULD ATTEND?

Anyone interested in survey-grade GPS accuracy (1-3 centimeters).

SEMINAR SPEAKERS

Raymond Hintz is a professional land surveyor in Florida and Maine and the program coordinator for the Surveying Engineering Technology program at the University of Maine. He was awarded an honorary membership in MALSCCE. He is the author of several surveying software programs used by approximately 25 departments of transportation and their consultants. Prior to his present position, from 1983 to 1987 he was an assistant professor of civil engineering at the University of Florida. He has B.S., M.S., and Ph.D. degrees in photogrammetry from the University of Wisconsin. His research interests lie in automation of data collection and processing of surveying and photogrammetric information. He has published more than 50 articles in journal and conference proceedings.

MALSCCE thanks Ray Hintz for presenting this seminar

5/16/08: Single-Receiver GPS

Name of Registrant: _____

Firm/Organization Name: _____

Address: _____

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Dietary Restrictions: _____

Credit Card #: _____

AmEx: MC: Visa: Exp Date: _____

Signature: _____

- \$200 MALSCCE member
- \$250 Non-Member
- \$20 Late Registration Fee: **Any registration received after May 9 must pay this fee.**

____ TOTAL ENCLOSED

- ◆ Send checks payable to MALSCCE, The Engineering Center, One Walnut St, Boston, MA 02108-3616.
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- ◆ Register online at www.engineers.org
- ◆ Questions? Call Adam Webb at 617/305-4105 or malsce@engineers.org
- ◆ We cannot accept phone reservations.
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