



# 2010 MALSCCE Convention



## The Delaney House

1 Country Club Road  
Holyoke, MA 01040

Friday and Saturday  
October 1 & 2, 2010

7:30 AM – 9:00 PM on Friday

7:00 AM – 12:00 PM on Saturday

Saturday's SIT and PLS Exam Refresher  
Courses run until 5:30 PM

Massachusetts Association of Land  
Surveyors and Civil Engineers

Mailing: The Engineering Center, One Walnut Street  
Boston, MA 02108-3616

[www.malsce.org](http://www.malsce.org)



# 2010 MALSCCE Convention

## Featuring:

- In-depth Business Sessions**  
Case law, technological advancements, professional practice, and business trends impacting the land surveying and civil engineering professions\*
- Convention Exhibit**  
Showcasing the latest technologies and services
- Surveyor-in-Training and PLS Exam Refresher Courses**  
Space is limited, so register today
- Networking Breaks, Benefit Auction, Mystery Dinner and more!**  
Learn from your peers, MALSCCE leaders and exhibitors

## Registration Deadline: Friday, September 24, 2010

- Register and pay by credit card online at <http://www.malsce.org/> or complete and return this Convention registration form. Email your Friday dinner choice to [ndowney@engineers.org](mailto:ndowney@engineers.org)
- No phone registrations accepted.
- 50% refund will be given for cancellations made by September 24; no refunds after this date.
- No-shows will be billed.

Exhibitors: For exhibitor rates and options, contact Rich Keenan at 617/305-4110.

## MALSCCE Convention Registration

Name: \_\_\_\_\_  
 Firm/Org: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 \_\_\_\_\_  
 City: \_\_\_\_\_  
 State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Tel: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Dietary Restrictions: \_\_\_\_\_  
 (describe)

Registration Fees: (or register at [www.malsce.org](http://www.malsce.org))

Full Convention

MALSCCE Member\*: \$199  Non-Member: \$250\*

Friday dinner choices – select dinner here\*:

Roasted Apple Chicken  Cheese Encrusted Swordfish

Prime Rib of Beef  Wild Mushroom Ravioli

Friday Convention Only (includes Dinner; choices above)

MALSCCE Member\*: \$169  Non-Member: \$220\*

Saturday Convention Only

MALSCCE Member\*: \$79  Non-Member: \$100\*

Friday Dinner Only (choices above):

MALSCCE Member\*: \$65  Non-Member: \$85\*

\*Members of CALS, MSLS, NHLA, NYSAPLS, RISPLS and VSLS can attend at the MALSCCE member rate. If you are a member of one of these associations check the appropriate boxes above and below:

CALS  MSLS  NHLA

NYSAPLS  RISPLS  VSLS

Saturday Refresher Courses (includes Saturday breakfast and lunch)

SIT Refresher Course (MALSCCE Members): \$199

SIT Refresher Course (Non-Members): \$250

PLS Refresher Course (MALSCCE Members): \$199

PLS Refresher Course (Non-Members): \$250

Total Fee:

Payment: Checks payable to MALSCCE with form to: MALSCCE Conv., The Engineering Center, One Walnut St, Boston, MA 02108-3616 or pay by credit card:

Visa  MasterCard  Amex

Cardholder name \_\_\_\_\_

Card # \_\_\_\_\_

Exp Date \_\_\_\_\_

Billing address \_\_\_\_\_

Signature \_\_\_\_\_

Return via Fax: 617/227-6783 or Email: [ndowney@engineers.org](mailto:ndowney@engineers.org)

Registration Deadline: Friday, September 24, 2010

## Schedule of Events

### 2010 MALSCE Convention

October 1 & 2, 2010

The Delaney House

1 Country Club Road, Holyoke, MA 01040

Friday, October 1, 2010

7:30 AM

Convention Registration/Continental Breakfast

7:30 AM – 5:30 PM

Convention Exhibit

8:00 AM – 4:00 PM

Convention Program\*

10:00 – 10:30 AM

Mid-Morning Break with Exhibitors

12:00 – 1:00 PM

Luncheon

1:00 – 2:00 PM

MALSCE Awards Ceremony

2:00 – 2:30 PM

Mid-Afternoon Break with Exhibitors

4:00 PM – 5:30 PM

Networking Reception and Benefit Auction

6:00 – 9:00 PM

Murder Mystery Dinner

Saturday, October 2, 2010

7:00 AM

Convention Registration

7:15 – 8:30 AM

Continental Breakfast with the MALSCE Board

8:30 AM – 5:30 PM

Surveyor-in-Training Refresher Course

8:30 AM – 5:30 PM

Professional Land Surveyor Refresher Course

8:30 AM – 12:00 PM

Convention Program\*

10:00 – 10:30 AM

Mid-Morning Break

12:45 – 1:30 PM

SIT and PLS Refresher Courses Luncheon

\*PDH Forms available on-site (not applicable in NY)

Overnight rooms may still be available for MALSCE Convention attendees at: Country Inn & Suites, 413/533.2100, 1 Country Club Road, Holyoke, MA 01040 Clarion Hotel, 413/586.1211, 1 Atwood Drive, Northampton, MA 01060

## Convention Program

### Friday, October 1, 2010

8:00 – 8:30 AM: **Opening Ceremony**

*Welcome and Remarks*

**Robert A. Foresi, PLS**, President

MALSCE Connecticut Valley Chapter

**David W. Humphrey, PLS**, MALSCE President

**Massachusetts State Representative Michael F. Kane (D-Holyoke)** *(Invited)*

8:30 – 10:00 AM: **Concurrent Sessions**

*Recent Massachusetts Cases Relevant to Surveying*

**Knud E. Hermansen PLS, PE, PhD, Esq.**, Professor of Civil Engineering, University of Maine School of Engineering Technology – Court decisions provide the foundation for the rules of construction used to fix or determine the location of boundaries and property rights. This workshop will discuss the facts, findings, and ramifications of recent cases that are relevant to surveying. Based on Knud's legal and surveying experience, he will provide insight into the decisions and the extent and manner the cases should be used by the survey practitioner.

*Integrated GPS and Robotics*

**Paul Carver**, Regional Sales Manager, NE Survey Division Keystone Precision Instruments – Using an Integrated Survey solution offers land surveyors enormous advantages in the field: increased flexibility and time savings, increase efficiency on control surveys and independently verified measurements in a single point occupation.

10:30 AM – 12:00 PM: **Concurrent Sessions**

*Recent Massachusetts' Cases Relevant to Surveying (Continued)*

*MassDOT ARAN Truck Demonstration*

**Jonathan Smith**, Pavement Management Evaluation Engineer, Massachusetts Department of Transportation, Highway Division – The ARAN is a highly sophisticated pavement distress-measuring vehicle, which is capable of collecting large quantities of pavement data at highway speeds. During this session you will learn how this technology is used to evaluate roadway pavement condition and identify potential rehabilitation projects. The use of the ARAN in both network and project level analysis continues to be a key tool enabling MassDOT maintain pavements in an efficient and cost effective manner

12:00 – 2:00 PM: **Luncheon and MALSCE Awards Ceremony**

2:30 – 4:00 PM: **Concurrent Sessions**

*Recent Massachusetts' Cases Relevant to Surveying (Continued)*

*Subsurface Utility Engineering (SUE)*

**Robert L. Milliken**, President, Underground Services, Inc. – A practical overview of Subsurface Utility Engineering (SUE): the need for subsurface utility engineering and technologies

and practices utilized in this specialty. Bob will also examine the development and intent of Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data.

*Accuracy and Precision*

**J. Mark Williams**, Leica – Explore some of the basic to advanced error sources in modern surveying measurements. From senior surveyors to apprentices, Mark will provide methods for identifying, minimizing and avoiding error in acquired survey data.

4:00 – 5:30 PM: **Networking Reception & Benefit Auction**

6:00 – 9:00 PM: **Murder Mystery Dinner** – Join us for this gathering of the "Seven Families." This event will decide the course of future Family business trends. Blood will be spilled... (Dinner included in Full & Friday registration)

### Saturday, October 2, 2010

7:15 – 8:30 AM: *Breakfast with the MALSCE Board of Director*

**David W. Humphrey, PLS**, MALSCE President, **Dennis C. Drumm, PLS**, Chair, MA Board of Registration of Professional Engineers and Professional Land Surveyors, **A. Wayne Harrison, PLS**, President, National Society of Professional Surveyors

8:30 – 10:00 AM: **Concurrent Sessions**

*A Lawyer's Dream Can Be A Surveyor's Nightmare*

**Michael Pill, Esq, JD, MA, PhD**, Green, Miles, Lipton & Fitz-Gibbon, LLP – Easements create conflict because "It may be your easement, but it's my land!" Easements are created in different ways: prescriptive (adverse) use, necessity, implication, estoppel, statute, eminent domain, dedication, common scheme. Deeded easements may not be locatable on the ground, or of undefined width. Title by adverse possession is illegal trespass continued for 20 years, like keeping robbery loot once the statute of limitations expires.

*Gold Mines, Baselines, and Meridian Lines*

**Gary J. Fix, PLS**, Owner, Latitude Ltd – Gary will discuss his early surveying experience with Gold claims in Colorado using Celestial Observations (Polaris and Solar), Baselines including Prime Meridians in the US, London, Paris and Athens, Meridian lines in Italy for changing the calendar in 1582 and the Meridian line in Paris for determining the tilt of the earth's axis in the 1700's

10:30 AM – 12:00 PM: **Concurrent Sessions**

*A Lawyer's Dream Can Be A Surveyor's Nightmare (Continued)*

*Aerial Photogrammetry Yesterday and Today*

**Mark Thaisz**, Col-East, Inc. – The use of aerial photographs in photogrammetry continues to evolve as the technology becomes ever more precise.

*MALSCE Issues Update*

**David W. Humphrey, PLS**, MALSCE President

**Abbie Goodman**, MALSCE Executive Director – Highlights on MALSCE activities and how you can be involved.