

**Missouri Society of Professional Surveyors**

# **35th Annual Spring Workshop**

The Lodge of Four Seasons

Lake Ozark, MO

May 9-11, 2013



# **Updating Your Services for the 21st Century**

**Missouri Society of Professional Surveyors**  
722 E. Capitol Avenue, PO Box 1342  
Jefferson City, MO 65102  
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## Thursday, May 9, 2013

12:30 pm Golf Tournament

6:00 – 8:00 pm Exhibitor Set-Up

## Friday, May 10, 2013

7:00 am Registration, Continental Breakfast and View Exhibits

8:00 - 9:30 pm **New Data From US National Special Reference System**  
*Speaker: Michael Dennis, RLS, PE, Geodesist (National Geodetic Survey)*

9:30 - 10:00 am Break to View Exhibits

10:00 - 12:00 pm **New Data From US National Special Reference System continued**

12:00 - 1:00 pm Lunch and View Exhibits

1:00 - 3:00 pm **The Four Corners Legacy: Monuments, Not Math, Make Property (and 1,001 Reasons Why Surveyors Plant Pin Gardens Anyway)**  
*Speaker: Warren Ward, PLS*

3:00 - 3:30 pm Break to View Exhibits

3:30 - 5:30 pm **The Four Corners Legacy Abstract continued**

5:30 pm Reception with Exhibitors

## Saturday, May 11, 2013

7:00 am Continental Breakfast and View Exhibits

8:00 - 9:30 am **Risk Drivers: Understanding the Dynamics of Risk in the A/E Industry**  
Gain an understanding of the nature of risk, both external and internal risk. Examine the challenges in today's marketplace. Review discipline-specific claims statistics. Learn to apply the insights of what you've learned.  
*Speaker: Kim DeMarino, Holmes, Murphy & Associates*

9:30 - 10:00 am Break to View Exhibits

10:00 - 12:00 pm **Panel Discussion with Architects, Engineers and Land Surveyors-Information Exchange and Discussion on Information (BIM)**  
*Speaker: Britt Smith, Engineer; Fermin Gasper, Land Surveyor; Kurtis R. Krueger, Architect*

12:00 - 1:00 pm Lunch

1:00 - 3:00 pm **Scanners, Robotic Total Station and Laser Totals**  
*Speaker: Greg Schneider, High Definition Surveying (HDS) Division of Leica Geosystems and manufacturers representative for Surveyor's Materials; Pat Stack, RLS, Seiler Instruments; Bradley Burgess, Topcon*

3:00 - 3:15 pm Break

3:15 - 5:15 pm **Scanners, Robotic Total Stations and Laser Totals continued**

**Registration Information:**

Registration fee is \$175 for MSPS Members and \$300 for Non-Members. Deadline for registration is April 25, 2013. After this date, a 10% processing fee will be added to registration fees. The fee includes instructional materials, refreshment breaks, luncheon on both days, cocktail reception and two continental breakfasts. To register, complete the attached form and mail it with your check to MSPS, 722 E. Capitol Avenue, PO Box 1342, Jefferson City, MO 65102. For more information on this course, call Sandra Boeckman at 573-635-9446.

**Special Rate for Technicians:**

A special rate of \$150 is available for non-licensed technicians (Associate Members of MSPS). Registration fee plus 2013 Associate Membership is \$185. Call MSPS for details at 573-635-9446.

**Golf Tournament (Scholarship Fundraiser):**

Register to play in the Golf Tournament Fundraiser for the MSPS Scholarship Fund to be held at The Cove Golf Course, The Lodge of Four Seasons beginning at 12:30 p.m. The cost is \$85 per person which includes two mulligan's per player.

**Location and Lodging:**

The Lodge of Four Seasons in Lake Ozark is the location for the 2013 Spring Workshop. A block of rooms has been reserved at the Lodge at a rate of \$102.00 for single or double occupancy. Deadline for reservation is April 9, 2013. Make your reservation by calling the Lodge of Four Seasons at 888-265-5500.

**Cancellation Policy:**

MSPS reserves the right to cancel the program and return all fees in the event of insufficient registration. A participant may cancel a registration up to two weeks before the course date and receive a full refund. **NO REFUNDS AFTER APRIL 26, 2013.**

**Continued Education Credits:**

This course has been approved for 15 PDUs or 15 hours of continuing education (7.5 each day) by the Missouri Board for Architects, Professional Engineers, Professional Land Surveyors and Landscape Architects.

Registration Fees	
<input type="checkbox"/> MSPS Members	\$175.00
<input type="checkbox"/> Non-Members	\$300.00
<input type="checkbox"/> Technician (Associate Member)	\$150.00
<input type="checkbox"/> Techs + Associate Membership	\$185.00
<input type="checkbox"/> Golf (per person)	\$85.00

**Conference Registration**

Name: \_\_\_\_\_ PLS #: \_\_\_\_\_  
 Firm: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City, State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

**Payment Options**

\_\_\_ Visa    \_\_\_ Mastercard    \_\_\_ Discover  
 Card #: \_\_\_\_\_ Exp. Date: \_\_\_\_\_  
 Total Amount: \$ \_\_\_\_\_  
 \_\_\_ Check Enclosed    \_\_\_ Invoice my Firm

*Make checks payable to MSPS - advanced registration is necessary and appreciated!  
To register, detach and mail to:  
MSPS, PO Box 1342, Jefferson City, MO 65102  
Phone: 573-635-9446, Fax: 573-635-7823, Email: msps@missourisurveyor.org*

**Registration Deadline is April 26, 2013**

## About the Speakers

**Kim DeMarino** is a graduate of the University of Illinois and Chicago-Kent College of Law. Kim is an experienced litigator having tried more than 20 cases to a jury verdict. She is a certified mediator and trained arbitrator having served to resolve disputes for the City of Chicago, Cook County court system, and Equal Employment Opportunity Commission. She has lectured internationally about the US legal system. Kim spent the last 10 years handling professional liability claims. She joined XI Design Professional Insurance in 2012.

**Michael L. Dennis**, RLS, PE, is a geodesist at NOAA's National Geodetic Survey (NGS) where his duties include analysis of geometric ("horizontal") and vertical datums; evaluation of data processing and survey network adjustment procedures; development and promotion of standards and guidelines; integration of NGS products and services with GIS; and public outreach. Mr. Dennis is also a registered professional engineer and surveyor with private sector experience, including ownership of a consulting and surveying firm. Mr. Dennis is an officer of the American Association for Geodetic Surveying (AAGS), an American Congress on Surveying and Mapping (ACSM) Fellow, and a member of the Arizona Professional Land Surveyors Association and the Geomatics Division of the American Society of Civil Engineers.

**Gregory S. Schneider** is employed by the High Definition Surveying (HDS) Division of Leica Geosystems and a manufacturers representative for Surveyor's Materials. Greg has worked in the Surveying and Engineering Industry since 1982, Starting as a Rod Person, he has grown his experience as a measurement professional through a combination of hands on and education classes that has spanned most every discipline of the surveying industry. After obtaining 20 years of practical experience, Greg joined Leica Geosystems in 2003 as an Applications Engineer focusing solely on laser scanning hardware and software solutions. Greg is a certified HDS trainer and has provided project support services on over 200 laser scanning projects throughout the US.

**Britt E. Smith**, P.E., NSPE, received a bachelor of science degree in engineering from the University of Missouri - Rolla. He began his career with MECO Engineering as a civil engineer and project manager. Later, he continued his work as a staff engineer for both the City of Jefferson and the Missouri Department of Conservation. Currently, Britt is the director of operations for the Department of Public Works in Jefferson City where he oversees the operations of the street, parking, central maintenance, facilities, and airport divisions of the department. Britt is an active member of the Missouri Society of Professional Engineers and has held various positions including that of state president.

**Pat Stack** has over fourteen years experience with Seiler Instrument Company. Pat has become the go-to person for his knowledge and expertise in the use of Trimble® Mapping and Scanning equipment along with Real Works and Autodesk Software. Pat has attended and successfully completed several Trimble 3D Laser training seminars at Trimble Navigation headquartered in Westminster Colorado. Additionally, Pat Stack has presented over the years at several regional Land Survey Conferences such as Missouri Society of Professional Land Surveyors, Illinois Professional Land Surveyors as well as Professional Surveyors Association of Nebraska. Pat specializes in integrating field data into Autodesk products to streamline the processes and guiding users in the most efficient use of their equipment and software. Prior to joining Seiler, Pat had over ten years in civil engineering drafting experience utilizing AutoCAD, Softdesk and Land Desktop. Pat has assisted in numerous onsite 3D Scanning analyses with several local and regional firms such as Fred Weber, Thouvenot Wade and Moerchen, Woolpert, David Mason and Associates, and MoDOT.

**Warren Ward** began working on a survey crew in 1972. He has worked full time in either the private or county sector as a land surveyor since 1984. He is currently the Grand County, Colorado, elected county surveyor. He is the NSPS Governor of Colorado. He is a past president of National Association of County Surveyors and Professional Land Surveyors of Colorado.



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