

61st ANNUAL MEETING

SPEAKERS

E. Tyler Ardron
Tom Bryant, PLS
Matt Davis
Dr. Dick Elgin, PLS
Stan Emerick, PLS
J. Michael Flowers, PLS
Tim Funk
Kelly Harris, PLS
Wes Harris, PE, PLS
Scott Howe
Travis LeMoine
Ron Lowe, PLS
Dr. Joseph V. R. Paiva, PLS, PE
Mark Schnesk
Matt Schrader, PLS
Eric Seiler, III
Pat Stack
Jason Taylor
Steve Tomps
Charles Tucker
Brian Ward
Mark Wiley, PLS

OF THE MISSOURI SOCIETY OF PROFESSIONAL SURVEYORS

**TAN-TAR-A RESORT
OSAGE BEACH
OCTOBER 4-6, 2018**

PLANNING COMMITTEE

Joe Clayton, Dan Govero, Jerry Bader and Sandy Boeckman

THURSDAY, OCTOBER 4, 2018

7:00 am	Registration and Continental Breakfast
8:00-5:00 pm	Hospitality Room Open
8:00-9:00 am	New Surveyor Outreach Development What tactics can we use to attract and retain young people into Surveying? E.g. Military veterans, at high schools, tech schools and universities. Mentoring new surveyors. Wil Anderson, BHC Rhodes; Scott Howe, Seiler Trimble; Tom Bryant, PLS, Seiler Instrument
9:00-10:00 am	Best Practices for Running Your Survey Business Panel discussion and Q&A from audience. How to sustainably grow, operate and prosper your survey business. Wes Harris, PE, PLS, Ragan Smith; Ron Lowe, PLS, David Mason Associates; Matt Schrader, PLS, Hanson Professional Services; Moderated by Kelly Harris, PLS and Matt Davis
10:00-10:15 am	Break
10:15-11:45 pm	Drones Overview and deliverables examples. Brining drone data into C3D/Infraworks. This presentation will cover regulation updates/future, various drones models, photogrammetric data and how to use image processing software. Eric Seiler, III, FAA Part 107 licensed drone pilot, Seiler Instrument; Matt Davis, Seiler Design Solutions, LLC; Mark Schnesk, Seiler Design Solutions, LLC
11:45-12:15 pm	Service, Repair and Care of Your Surveying Equipment Calibration, care and maintenance Jim Fujarski, Seiler Instrument; Joe Jurcevic, Seiler Instrument
12:15-1:00 pm	Luncheon
12:30 pm	Golf Tournament at The Oaks
1:00 pm	Trap Shoot at Missouri Trap Shooters Association Range
1:00-2:00 pm	Outdoor/Indoor Mobile Scanning Handheld and cart based systems. MX2, Zeb-Revo, TIMMS Overview and deliverables examples. Ryan McDowell, PLS, Horner & Shifrin; Jason Taylor, Seiler Instrument; Pat Stack, Seiler Instrument
2:00-3:00 pm	GPS-GNSS Use With the MODOT VRS CORS Network Best practices to efficiently, quickly and accurately survey traceable to the National Spatial Reference System (NSRS). Pat Stack, Seiler Instrument; Tom Bryant, PLS, Seiler Instrument
3:00-3:15 pm	Break
3:15-4:15 pm	Office Software-Trimble Business Center Best practices to increase your survey production and expand your capabilities and deliverables. With Trimble Business Center, workflows are highlighted to get from field to finish with confidence. Tim Funk, Trimble Geospatial
4:15-5:15 pm	Field Data Collection-Trimble Access 2018/TSC7/SX10 Exploring the new enhancements of Trimble products. Tim Funk, Trimble Geospatial
5:30-7:00 pm	Dinner Sponsored by Seiler Instrument Must RSVP-See Registration Form
6:00-8:00 pm	Exhibitor Set-Up

FRIDAY, OCTOBER 5, 2018

7:00 am Registration and Continental Breakfast with Exhibitors

8:00-5:00 pm Hospitality Room Open

7:30-9:45 am **Business Meeting & Election of Officers and Directors**

9:45-10:00 am Break

10:00-12 noon **National Geodetic Survey and Products and Services**
OPUS, NGS Data Explorer, DSWorld and Datum Transformation Tools
Brian Ward, National Geodetic Survey

12-1:30 pm Awards Luncheon

1:30-3:30 pm **CONCURRENT SESSIONS**

Understanding Missouri Standards Accuracy Requirements

The Missouri Standards for Property Boundary Surveys have specific accuracy requirements. Terms such as “positional accuracy,” “systematic errors” and “positional uncertainty...at the sixty-eight percent (68%) confidence level (one (1) sigma)” are mentioned in the Standards, but new and long-practicing surveyors in Missouri have been asking for help in understanding how to apply them to their work to verify that they meet the Standards. Surveyors may not be familiar with, or if familiar, may not remember what these and other terms may mean. In this course we’ll begin with the basics. We’ll talk about measurements, systematic errors and random errors. Additionally we’ll cover how statistics are used to interpret and state uncertainty, which is the basis for stating confidence levels such as 68% (1 sigma).
Joseph V. R. Paiva, PS, PE; Stan Emerick, PLS

Missouri Survey Standards for Property Boundary Surveys

Effective June 30, 2017 the “Missouri Minimum Standards for Property Boundary Surveys” became the “Missouri Survey Standards for Property Boundary Surveys.” The Standards were revised, reorganized, updated, with additional definitions and Accuracy Standards changes. This presentation will take the PLS through all of the requirements and changes to the 2017 Standards.
J. Michael Flowers, PLS

3:30-3:45 pm Break to View Exhibits

3:45-5:45 pm **CONCURRENT SESSIONS**

Understanding Missouri Standards continued

With the theory in hand, we will then illustrate the theory by applying to angle measurement, distance measurement and static and RTK positioning (i.e. we’ll be covering the individual components of a complete field survey). Then we’ll bring in the type of data that the typical survey might involve and analyze using what we’ve learned from our discussion of the individual components. Manually worked examples will be done to help understand how to evaluate the results of the surveys and to ensure that the surveyor’s work meets the standards as outlined in 2 CSR 90-60.040 Accuracy Standards for Property Boundary Surveys. This step-by-step method will be used so that those who are new to errors analysis and those who’ve been exposed to it for many years will all be able to follow and take away some basic analytical principles to use in their own surveys. Q & A will be covered as is possible within the time limits of the session.
Joseph V. R. Paiva, PS, PE; Stan Emerick, PLS

Surveyors Notes for Plats

The user or reviewer or critic of your Plat of Survey likely knows little about the professional boundary survey. There are aspects of the survey which are difficult or impossible to convey graphically. Surveyors Notes on the plat can better convey information about the survey: What it is and what it is not. Most notes can be placed in a standard format, or one easily adapted to each plat of survey. Such notes are given and discussed in this presentation.
Dick Elgin, PLS

5:45 pm Reception with Exhibitors

SATURDAY, OCTOBER 6, 2018

7:00 am

Registration and Continental Breakfast with Exhibitors

8:00-10:00 am

CONCURRENT SESSIONS

Railroad Surveying 101

Railroad Surveying 101 exposes the surveyor to general railroad practice and procedure that non-railroad surveyors may not be aware of. AREMA (American Railway Engineering & Maintenance Assn) assembled this program in order to take away the perceived mystery associated with railroad work and to end the hearsay and bad assumptions that continue to cause a disservice to the public and the profession.

Charles Tucker

National Flood Insurance Program (NFIP) & Elevation Certificates

The demand for Elevation Certificates has never been higher due to driving forces such as Biggert-Waters and the Homeowners Flood Insurance Affordability Acts that are reforming the NFIP. This course will provide an in-depth look into how the New Elevation Certificate (FEMA form 086-0-33) is utilized by the Insurance Industry to rate a property's flood risk for NFIP Flood Insurance. In addition it will explain how a local municipality can use the form to enforce their Floodplain Management Ordinance and check floodplain compliance. At the end of the course participants will have a better understanding on how the Elevation Certificate should be completed, correctly, and more accurately, which will improve their residents flood insurance premiums and ensure a flood resilient structure is built. Case studies will be used to illustrate what flood loss preventive solutions are available and how to identify possible solutions using the Elevation Certificate that can dramatically lower an owner's NFIP premium. FEMA's Technical Bulletin 1 Wet Floodproofing and Technical Bulletin 3 Dry Floodproofing techniques will be reviewed along with International Code Council Construction Code and ASCE 24-14 standards.

E. Tyler Ardron, CFM, Risk Reductions Plus Group

10:00-10:15 am

Break

10:15-12:15 pm

CONCURRENT SESSIONS

Railroad Surveying 101 continued

National Flood Insurance continued

12:15-1:00 pm

Luncheon

1:00-3:00 pm

CONCURRENT SESSIONS

Railroad Surveying 101 continued

Ethics and the Professional Land Surveyor

In the highly competitive market of Land Development what should the Boundary Surveyor do to stay above the fray of competition and still be competitive with their friends and colleagues. We will look at some of the current issues which are faced by the professional on a daily basis.

Mark Wiley, PLS

3:00-3:15 pm

Break

3:15-5:15 pm

CONCURRENT SESSIONS

Railroad Surveying 101 continued

Reading and Writing Boundary Descriptions

What elements go into making a boundary description "legal" and who hasn't read descriptions which are not. When do we decide this dog won't hunt and are we guilty of letting them off the leash too.

Mark Wiley, PLS

E. Tyler Ardron is a Certified Floodplain Manager and a Licensed Insurance Broker. As the Vice President of Risk Reduction Plus Group he leads a team of Flood Insurance experts that focus on reducing flood insurance costs for property owners utilizing FEMA mitigation techniques and proper rating strategies. Over the past 5 years Tyler has worked closely with communities in and out of the Community Rating System program to educate residents on flood insurance. In addition he helps communities with cleaning up non-compliance issues that lead to insurance increases by deploying the Flood Risk Evaluator process which he helped develop as a tool for not only industry professionals but also homeowners. Tyler enjoys traveling the country educating professionals on the use of the Elevation Certificate as it pertains to flood insurance and how the data translates into a premium for a property owner.

Tom Bryant, PLS, has more than 30 years of experience working in surveying. He graduated from Southeast Missouri State University with a Bachelor of General Studies degree, studied at the University of Missouri-Rolla under Dr. Richard Elgin, and graduated from the University of Arkansas-Fayetteville, where he studied under Dr. David Knowles, with an Associate's degree in Surveying,

Matt Davis has over fifteen years of experience in the Civil Engineering industry. Matt has over twenty years of AutoCAD® experience combined with his knowledge of complete workflows between field equipment and Autodesk Civil products are well received at seminars and conferences. Matt graduated with a Masters in Adult Education along with a B.S. in Drafting Technology from Central Missouri State University.

Dr. Dick Elgin, PLS, PE a second-generation surveyor, was raised in his late father's surveying business in Rolla, Missouri. After serving meritoriously as an Army helicopter pilot in Vietnam (1969), he received the degrees BSCE and MSCE from the Missouri University of Science and Technology (MS&T), and his PhD from the University of Arkansas. Formerly an Assistant Professor, he now is Adjunct Professor of Civil Engineering at MS&T. Semi-retired, he works part-time for Archer-Elgin Surveying and Engineering, LLC of Rolla. Dick authored *The U.S. Public Land Survey for Missouri*. Dick also wrote *Shoulda Played the Flute*, a memoir of his year flying helicopters in Vietnam (available on Amazon). Dr. Elgin is a past president of MSPS, and was editor of *Missouri Surveyor* for many years. He is a past member of the Missouri Board for Architects, Professional Engineers, Professional Surveyors and Professional Landscape Architects. He is licensed in several states.

Stan Emerick, PLS, has participated in multifarious aspects of the land surveying business over the last thirty years. During his career, he has been engaged in everything from legal research to project development to conflict resolution to protégé mentoring. He has performed numerous cadastral and land title surveys in the Saint Louis area. He has been active in MSPS, serving on its board and in its committees. He piloted the Society's dedication of the Joseph C. Brown Memorial, and the Survey Parties at the Arch and Fort Osage. He has served as chairman for the Missouri Land Survey Advisory Committee and contributes articles to the *Missouri Surveyor*.

J. Michael Flowers, PLS, is the former Missouri State Land Surveyor. Licensed for 40 years now retired he serves as a member of Missouri Board of Architects, Professional Engineers, Professional Surveyors and Professional Landscape Architects. As the State Land Surveyor and APEPLSPLA board member he was responsible for the

development and promulgation of survey standards utilized by the public and the Land Surveying Profession.

Tim Funk is an Applied Geospatial Expert with Trimble Geospatial Sale team. He has been with Trimble 23 years working in all aspects of Geospatial products development, testing, training and marketing. After joining the US Army Tim graduated from the Defense Mapping School, Defense Mapping Agency at Fort Belvoir, VA and graduated from Hawaii Pacific University with a degree in Business Management. Tim spent 14 years as a Geodetic Surveyor with the U.S. Army Engineers, and led the first use of GPS Surveying in combat during Desert Storm. Tim is an Applied Geospatial Expert with Trimble Geospatial Division-Trimble Navigation Ltd.

Kelly Harris, PLS, previously worked at Woolpert Inc., a national design, geospatial and infrastructure management firm, with offices mainly in the Midwest and eastern part of the United States. He graduated from SIU Carbondale with Advanced Technical Studies & Land Surveying Degree.

Wes Harris, PE, PLS, has 20 years of experience in the industry and is licensed as both a Professional Surveyor and Professional Engineer. His experience includes management and technical execution for a variety of residential and commercial developments. He currently manages a technical staff of 40 people that includes oversight of surveying, 3D scanning, and residential development. We has a BS Degree in Civil Engineering with an emphasis in Surveying from Southern Illinois University in Carbondale. Wes is Vice President of Ragan-Smith Associates in Nashville, Tennessee.

Scott Howe was a surveyor in the United States Marine Corps for 20 years. Scott is a Trimble Certified Trainer and a Military Master Instructor. Scott has a B.S. in Engineer Administration and Management from Park University. Scott has been with Seiler for 3 years living in the greater Kansas City area.

Travis LeMoine focuses his efforts on high-efficiency, high-precision data collection by various tools, such as UAVs, LiDAR, and GNSS. Travis has been involved in the mapping & survey grade GPS industries, as well as optical positioning since 2004. Travis received his BS from the University of Illinois at Urbana-Champaign. He is also the Secretary of AUVSI Heartland Chapter and is a licensed FAA Part 107 drone pilot as well as a model /RC plane enthusiast.

Ron Lowe, PLS, has 32 years of surveying experience and twenty years at David Mason & Associates as an expert surveyor. Ron has led and established the baseline documents for all of DMA's largest clients and projects. Ron has managed projects utilizing traditional ground and GPS surveying methods as well as the latest Total Stations, data collectors, and 3D scanning equipment. Ron has a degree from the University of Missouri-Rolla in Surveying and from Jefferson College, AAS Civil Engineering & Construction Technology. Ron is the Associate Director of Survey/3D Scanning with David Mason & Associates in St. Louis, MO.

Dr. Joseph V. R. Paiva, PLS, PE, is CEO of GeoLearn, an online education company specializing in education using video rather than PDFs. He has technical, general and executive management experience in civil engineering, mapping/GIS and surveying consulting firms and companies that develop products for the geospatial market such as Sokkia, Gatewing and Trimble. Due to his Gatewing experience, his interest in unmanned airborne systems

(drones) continues; he is an FAA licensed Remote Pilot. Dr. Paiva also has considerable experience as an educator, having taught surveying for eleven years at the University of Missouri-Columbia, as well as performing adjunct online teaching duties at the Missouri University of Science and Technology, and Texas A&M-Corpus Christi and currently, at the State Technical College of Missouri. He has been active in several professional organizations, the most notable being service as an ABET commissioner and program evaluator. He is currently on the Unmanned Airborne Systems committee of NSPS and the Education Committee of the Surveying and Geomatics Division of the American Society of Civil Engineers. Joe became president of the Surveying and Geomatics Educators Society in the summer of 2017.

Mark Schnesk has twenty-seven years of experience as a civil engineering technician along with experience in surveying and geospatial analysis. He has worked with firms in Michigan, Florida, and Illinois on various projects including transportation, utility, and land development. Mark graduated from Michigan Technological University. He is an AutoCAD Civil 3D Certified Professional and Autodesk Certified Instructor.

Matt Schrader, PLS, is a seasoned professional with over 25 years experience, in management, technical execution and development of large geospatial projects and programs with clients such as the Department of Defense, State and other federal agencies. His technical expertise involves combining datasets from multiple sources, LIDAR, imagery, GIS, etc. to create a comprehensive geospatial product that can be used by multiple end users and clients. Matt has a B.S. From Southern Illinois University Carbondale and is professional surveyor in three states. Matt is the Vice President of Geospatial Services at Hanson Professional Services in St. Louis, MO

Eric Seiler III has been working at Seiler Instrument for 7 years. He currently works within the Emerging Tech segment at Seiler, with an emphasis on UAV mapping and associated software. He earned his Master's in Business Management in 2017. Eric holds an FAA Part 107 license, and has performed flight demonstrations at several different venues in the Midwest. He enjoys educating customers on the advantages of adopting new technology, like drones.

Pat Stack has over twenty years' experience with 3D scanning, Civil and Surveying sales and support for Seiler Instrument Company. Pat has attended and successfully completed several Trimble 3D Laser training seminars at Trimble Navigation headquartered in Westminster Colorado. Additionally, Pat Stack has presented 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.

Jason Taylor is a terrestrial scanning expert and is based in our Kansas City Office. Previously, Jason worked for Wilson & Company's Survey Geospatial and Remote Sensing Division. He has over 15 years of surveying experience, including over 8 years of experience with a variety of laser scanning applications. Jason is our Western Indoor Mobile Mapping Sales Professional for our TIMMs cart mobile mapping system, and also for our GeoSLAM product line. Jason graduated from Northwest Missouri State with a B.S. in Geography.

Steve Tomps over the last twenty years has worked closely with industry professionals throughout the Midwest helping them leverage cutting edge technology to increase productivity and profitability. Steve has extensive experience working in the Surveying, Mapping, GIS, and Energy sectors. Throughout that time, he has been responsible for sales, training and technical support. Steve graduated from Northwest Missouri State with a Bachelor of Science in Geographic Information Science.

Charles Tucker is a highly skilled railroad surveyor and project manager, possessing 37 years of experience in and around the railroad industry. He served as engineer aide, survey technician, field engineer, office engineer, assistant roadmaster, roadmaster, and tunnel construction roadmaster. Charlie is extremely skilled in the surveying, design, layout, and construction of infrastructure and public works around operating railroads. Since leaving the railroad in 1996, he has been with FARNSWORTH GROUP, Inc. as a railroad project manager in many diverse projects across the country, including functioning as an acting Chief Engineer for multiple shortline railroad start-ups. He recently served as the sub-committee chairman for the American Railway Engineering and Maintenance of Way Association's (AREMA) Pipeline and Utility Crossing Committee I ("Roadway"/ SC-5, which writes and updates the railway industry's suggested standards. In addition, Charlie serves on AREMA Committee 18, "Shortline & Light Density Railroads" where he is currently the committee secretary. He teaches classes nationwide to professional engineers and surveyors on railroad design fundamentals and has served as an expert witness in numerous railroad-related lawsuits.

Brian Ward has worked for National Geodetic Survey (NGS) for 30 years. Sixteen of those years in the field conducting Geodetic Surveys of all types. Twelve years, I was the Arkansas Geodetic State Advisor. In 2016, I became the Central Plains Regional Advisor. My region includes Arkansas, Kansas, Missouri and Tennessee. I assist the Federal, State, and private sectors with NGS Products and Services.

Mark Wiley, PLS, is a Second generation Surveyor who currently manages the Surveying Department for Heideman + Associates Inc. Licensed in Missouri in 1991 he has done course work at St. Louis Community College, Mineral Area Community College, and the University of Missouri Rolla in Surveying related courses. He began his career prior to 1978 working for his father during the summers and on weekends and has continued in this profession ever since. Working for himself in Ste. Genevieve from 1994 to 1999 he set a precedent in prescriptive Road Cases. He has worked in Metro St. Louis and in the Springfield area, as well as Jefferson, Ste Genevieve, St Francois, Franklin, and Washington counties during his 40 year career. Mark serves the Son Light Parish as a Commissioned Ruling Elder serving the congregations of the Ironton, Fredericktown and Park Hills Presbyterian Church (PCUSA) as spiritual leader. He is also the President of the Belews Creek Watershed Partnership, a group of local folks who are working to make a difference in the Watershed by both cleaning and stabilizing the creek.

REGISTRATION FORM

Name _____ RLS # _____

Firm _____

Address _____

City/State/Zip _____

Phone _____ Email _____

MSPS Member Convention Registration Fees

Member Registration - 3 Days	\$330.00	\$ _____
Thursday Only	\$110.00	\$ _____
<i>Thursday AM/PM Only (circle one)</i>	\$55.00	\$ _____
Friday Only	\$110.00	\$ _____
Saturday Only	\$110.00	\$ _____

Concurrent Sessions

FRIDAY

1:30-3:30 pm

- Understanding Missouri Standards
- Standards for Property Boundary Surveys

3:45-5:45 pm

- Understanding Missouri Standards
- Surveyors Note for Plats

SATURDAY

8:00-10:00 am

- Railroad 101
- NFIP

10:15-12:15 pm

- Railroad 101
- NFIP

1:00-3:00 pm

- Railroad 101
- Ethics and the Land Surveyor

3:15-5:15 pm

- Railroad 101
- Boundary Descriptions

Non-Members

Non Member Registration - 3 Days	\$550.00	\$ _____
Thursday Only	\$200.00	\$ _____
<i>Thursday AM/PM Only (circle one)</i>	\$100.00	\$ _____
Friday Only	\$150.00	\$ _____
Saturday Only	\$200.00	\$ _____

Optional Activities

Thursday Night Dinner Sponsored by Seiler	\$0.00	<input type="checkbox"/> # _____
Golf (Includes Cart & Two Mulligans)	\$85.00	\$ _____
<i>Golf Sponsor</i>	\$100.00	\$ _____
Trap Shoot (Includes 50 Targets)	\$50.00	\$ _____
<i>Trap Sponsor</i>	\$150.00	\$ _____

Sub-Total \$ _____

10% Surcharge for Late Registration (After 10/1) \$ _____

Grand Total \$ _____

Payment Information

Charge my Credit Card Check Enclosed Invoice my Organization

Credit Card # _____ Exp. Date _____ CVV Code _____

Mail Registration Form with payment to MSPS, PO Box 1342, Jefferson City, MO 65102 or fax to 573-635-7823.

Registration Deadline is October 1, 2018

REGISTRATION INFORMATION

Registration fee is \$330 for Members and \$550 for Non-Members. **The deadline for registrations is September 24, 2018.** After this date, a 10% processing fee will be added to all registration fees. The fee includes instructional materials, refreshment breaks, a luncheon each day(3), a cocktail reception and three continental breakfasts.

To register, complete the attached registration form and mail, fax or email it with your payment to MSPS.

MSPS
PO Box 1342
Jefferson City, MO 65102
Fax: 573-635-7823
mmps@missourisurveyor.org

For more information on this course, please call Sandra Boeckman at 573-635-9446.

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**GOLF TOURNAMENT**

The Golf Tournament benefitting the MSPS Scholarship Fund will be held at The Oaks.

You may pick a partner or a foursome. If you do not have a partner, one will be provided to you. The format is a four-person scramble with a shotgun start.

The cost is \$85 per person and includes 18 holes, a cart and two mulligans.

**The Oaks**  
**Highway KK**  
**Osage Beach, MO**

**TRAP SHOOT**

The Trap Shoot benefitting the MSPS Scholarship Fund will be held at the Missouri Trap Shooters Association Range. The shoot starts at 1:00pm and each participant will get 50 targets. Shot Size Restrictions apply.

**Missouri Trap Shooters Association Range**  
**51 Trapshooters Road**  
**Linn Creek, MO**

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LOCATION & LODGING

Tan-Tar-A Resort, Osage Beach, MO, is the site for the 2018 Annual Meeting of the MSPS. A special room rate of \$114.00 (includes resort fee, internet service, USA Today Newspaper, Shuttle Service and more) for single or double rooms has been extended until **September 4, 2018.** Reservations can be made by calling 800-826-8272 or the online code is SURV. Parking is complimentary for all guests and attendees. Ask for the conference special rate and identify yourself with MSPS when making reservations.

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**SPOUSE HOSPITALITY ROOM**

A hospitality room will be provided on Thursday, Friday and Saturday from 8 am to 5 pm. Please see the registration desk for hospitality room location.

**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 at any time, but a \$25 processing fee will be applied to all refunds. **NO REFUNDS WILL BE ALLOWED AFTER October 1, 2018.**

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CONTINUING EDUCATION

This course has been approved for 23.0 Professional Development Units (PDUs) by the Missouri Board of Architects, Professional Engineers, Professional Land Surveyors and Professional Landscape Architects (2 hours of Standards).

PDU breakdown on days is as follows:
Thursday - 9.0 PDUs
Friday - 6.0 PDUs
Saturday - 8.0 PDUs

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**FOR MORE INFORMATION**

Contact Sandra Boeckman, MSPS Executive Director, at 573-635-9446.

Please send all registration information to:  
**MSPS**  
**722 E. Capitol Avenue**  
**PO Box 1342**  
**Jefferson City, MO 65102**  
**Fax: 573-635-7823**