Program Book

49th Annual WVSPS Convention, Flatwoods, WV
February 23-25, 2017
www.wvspaconvention.org
Please Join us

Join us for the 49th Annual Convention of the West Virginia Society of Professional Surveyors! The Convention will be from February 23rd – February 25th at the Days Hotel and Conference Center in Flatwoods, West Virginia. The convention will offer three days of continuing education seminars on a variety of topics of interest to surveyors, students, and other affiliated professionals. We also offer exhibits from equipment and technology companies as well as a banquet, a map contest and a raffle. Licensees are not likely to find a more convenient or economical way to earn continuing education credits while also making valuable connections with others in their profession from West Virginia and her neighboring states.

Important Dates

January 6, 2017 - Map Contest Entry Deadline
January 23, 2017 - Last day for Early Registration
February 7, 2017 - Deadline to receive guaranteed hotel room rate.
February 10, 2017 - Deadline for receipt of registrations by mail, fax.
February 15, 2017 - Deadline for Online registration
February 23, 2017 - Beginning of On-site Registration at Days Hotel and Conference Center.

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Purpose

To present practical ideas and techniques for immediate application to working situations, promote discussion of mutual surveying and geographic information systems problems, and provide opportunities to update technical knowledge.

Who Should Attend

Surveyors, engineers and others involved in all disciplines of surveying, including legal principles and real estate law as they apply to surveying, as well as individuals involved in cartography, photogrammetry, law and geographic-information systems, and computer-aided design and drafting. The program is designed to offer continuing education opportunities to beginning and experienced practitioners alike.

Continuing Education Eligibility

All courses offered are designed to meet the mandatory continuing education requirements of the West Virginia Board of Professional Surveyors (WVBPS). However, the WVBPS is the ultimate authority on matters of eligibility and approval. Attendees are responsible for verifying course eligibility for application to continuing education requirements of other states and professions. We are also providing CPC Credits to Maryland Surveyors. The Maryland CPC credits are calculated on a 60 minute contact hour basis as opposed to the WV 50 minute basis. Please refer to the course description pages to see the amount of CPC credits that are available in each session.

Antique Equipment Display

There will be an antique surveying instrument display organized and manned by the West Virginia Affiliate of the Surveyors Historical Society. If you have any old or antique equipment for display, please bring it with you when you register.

Hotel Accommodations

Participants are responsible for their own lodging arrangements. A block of rooms has been reserved for WVSPS at the Days Hotel. Room rates are $80.10/single and $89.10/double occupancy. This room rate includes parking and complimentary buffet breakfast in the Visions Restaurant. You must mention that you are with the WVSPS Convention when making your reservation. Reservations may be made by calling 1-866-700-7284. Reservations must be made by February 7, 2017 in order to receive the special room rate. Any reservations made after that date could receive a higher room rate.
Fees and Registration

Full registration fee covers Thursday Lunch, Thursday Dinner, Friday Lunch, Friday Banquet, Saturday Breakfast and Saturday Lunch, and all breaks. A late fee must be added to all registrations postmarked after January 23, 2017. The registration fee may be paid by check, money order or credit card (Visa or MasterCard). To register for the convention, complete the enclosed registration form and return it to WVSPS, 1404 1/2 Adams Avenue, Huntington, WV 25704. Your receipt for registration will be e-mailed or paper mailed to the address on your registration form. Feel free to make copies of the registration form. Members of other state surveying societies may receive the member rate by enclosing a copy of their current membership card. You may also register online at www.wvpsconvention.org, by fax at (304) 523-9701 or by phone at (304) 208-8970. Please have your seminar and meal selections ready when you call.

Guest Registration

Guest registration covers all meals for the day it is purchased for. Guests, however, may not attend any educational sessions. The guest fee is $35 per day for the whole day.

Refunds and Cancellations

Refunds of the full convention fee paid will be made for cancellations received in writing before January 13, 2017. After that date, the individual or organization will be held responsible for the fee. No refunds will be made after February 10, 2017. Anyone who is registered but cannot attend may send a substitute. However, all substitutions require confirmation prior to the event. WVSPS reserves the right to cancel or postpone any course or activity with or without warning due to insufficient enrollment or unforeseen circumstances.

Exhibits

Representatives from various equipment suppliers and service providers will be present to answer questions and to demonstrate their products. Through these exhibits, attendees can learn about new equipment techniques, technology and sources of professional services in the industry. Representatives from educational institutions offering surveying curricula and degrees will also be present to advise aspiring surveyors. Our Exhibitors help make the Convention possible, please plan on visiting their booths and displays in the Exhibit Hall.
### 2017 Convention at a Glance

#### Thursday, February 12, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:30am - 05:30pm</td>
<td>Registration &amp; Exhibit Hall Open</td>
</tr>
<tr>
<td>08:00am - 10:00am</td>
<td>Sessions</td>
</tr>
<tr>
<td>10:00am - 10:30am</td>
<td>Break with Exhibitors</td>
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<tr>
<td>10:30am - 12:00pm</td>
<td>General Membership Meeting</td>
</tr>
<tr>
<td>12:00pm - 01:15pm</td>
<td>Lunch &amp; Map Contest Announcements</td>
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<tr>
<td>01:15pm - 05:15pm</td>
<td>Sessions</td>
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<tr>
<td>05:30pm - 06:30pm</td>
<td>Social Hour</td>
</tr>
<tr>
<td>06:30pm - 07:30pm</td>
<td>Exhibitors Dinner</td>
</tr>
<tr>
<td>07:30pm - 08:30pm</td>
<td>Surveyors Historical Society Meeting</td>
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<tr>
<td>08:30pm - 09:30pm</td>
<td>County Surveyors Meeting</td>
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<td>08:30pm - 10:30pm</td>
<td>Hospitality Suite Open</td>
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</tbody>
</table>

#### Friday, February 24, 2017

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>07:00am - 08:00am</td>
<td>Past Presidents Breakfast (past presidents only - by invitation)</td>
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<tr>
<td>07:30am - 05:30pm</td>
<td>Registration &amp; Exhibit Hall Open</td>
</tr>
<tr>
<td>08:00am - 12:00pm</td>
<td>Sessions</td>
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<tr>
<td>12:00pm - 01:15pm</td>
<td>Lunch</td>
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<tr>
<td>01:15pm - 05:15pm</td>
<td>Sessions</td>
</tr>
<tr>
<td>05:30pm - 06:30pm</td>
<td>Social Hour</td>
</tr>
<tr>
<td>06:30pm - 09:00pm</td>
<td>Dinner &amp; Awards Banquet</td>
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<tr>
<td>09:00pm - 11:00pm</td>
<td>Hospitality Suite Open</td>
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#### Saturday, February 25, 2017

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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>07:00am - 08:00am</td>
<td>Saturday Prayer Breakfast</td>
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<tr>
<td>07:30am - 05:30pm</td>
<td>Registration &amp; Exhibit Hall Open</td>
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<tr>
<td>08:00am - 12:00pm</td>
<td>Sessions</td>
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<tr>
<td>12:00pm - 01:15pm</td>
<td>Lunch</td>
</tr>
<tr>
<td>01:15pm - 05:00pm</td>
<td>Sessions</td>
</tr>
<tr>
<td>03:30pm - 5:15</td>
<td>Sessions</td>
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Seminar Overview
For more details, please visit www.wvpsconvention.org

THURSDAY

Forgotten Frontier: The Mason-Dixon Line Between West Virginia and Pennsylvania (2 PDHs)
   - Pete Zapadka

Nuts and Bolts of Preparation of a FEMA LOMA - ZONE A (2 PDHs)
   - Leon Mallow

Grand Canyon RR Survey (2 PDHs)
   - Don Teter

Minimum Standards & Ethics (4 PDHs)
   - Don Teter

Wood & Tree ID and Marking Lines (4 PDHs)
   - Leon Mallow

Technology Tips & Tricks (4 PDHs)
   - Mack McCarty

Risk Management (4 PDHs)
   - Rob Cooper

FRIDAY

Know When to Hold’em & Other Procedural Pitfalls (Pt 1) (4 PDHs)
   - Kris Kline

Proper Personnel Management and Leadership (4 PDHs)
   - Jared Wilson

Exam Study Materials Review Session (4 PDHs)
   - Mack McCarty

Following the Footsteps (4 PDHs)
   - Don Willson

Precise Measurements: Stairway to Heaven or Pathway to Purgatory? (4 PDHs)
   - Don Teter
Know When to Hold’em & Other Procedural Pitfalls (Pt 2) (4 PDHs)
  - Kris Kline

John Love’s Geodaesia or the Art of Surveying and Measfuring of Land (4 PDHs)
  - Don Teter

Surveyors Responsibility in Addition to Land Measurement (4 PDHs)
  - Don Wilson

Network Least Squares Adjustments (4 PDHs)
  - Dean Goodman

Exam Study Materials Review Session (4 PDHs)
  - MackMcCarty

SATURDAY

WV Minimum Standards for Surveyors & Ethics (4 PDHs)
  - Don Teter

Basic Surveyors Exam Review (4 PDHs)
  - Rick Witte

Wars Between the States (4 PDHs)
  - Kris Kline

Court Decisions Every Surveyor Should Know About (Pt 1) (4 PDHs)
  - Don Wilson

Property Rights on the “Z” Axis (4 PDHs)
  - Kris Kline

Boundary Law Review (4 PDHs)
  - Rick Sypolt

Court Decisions Every Surveyor Should Know About (Pt 2) (4 PDHs)
  - Don Wilson

Celestial Navigation (2 PDHs)
  - Morgan France

Social Media for Surveyors (2 PDHs)
  - Julie Hewett