Welcome back to Pennsylvania! Just two short years ago, the National Conference on Weights and Measures held its 100th Annual Meeting in Philadelphia. This time we’re visiting the other side of the state, in Pittsburgh, for our 102nd meeting July 16 - 20, 2017!

Pittsburgh, founded in 1758, will forever be associated with steelmaking, but its heavy industry days are largely gone. The “Steel City” today is a hub for a variety of next gen industries like robotics, bio-tech, computer science, and healthcare. Pittsburgh is also nicknamed the “City of Bridges” due to its location at the confluence of the Allegheny, Ohio, and Monongahela rivers; 446 bridges to be exact.

The Annual Meeting will be at the Omni William Penn Hotel, a historic downtown hotel built in 1916 and recently renovated. It has been host to movie stars, politicians, heads of state and leaders in business and industry. Our Wednesday evening special event will be at the Carnegie Science Center where dinner will be served and attendees will have access to 3 floors of exhibits.

I encourage you to include some extra time so you can see first-hand why Pittsburgh is routinely picked by Forbes and others as a top city in the U.S. to live or visit. Take in a baseball game at PNC Park to watch the Pirates take on the Cardinals or Brewers, or try some of the city’s favorite foods like pierogis or a Primanti Brothers sandwich. While you’re out visiting the sights, you might get lucky and ride in one of the self-driving cars used for transportation services throughout the city.

Your attendance and participation at this and other NCWM meetings are essential ingredients to the successful adoption of national weights and measures standards in the U.S., and I thank you in advance for your contributions to this all-important process.

See you soon in “The ‘Burgh”!

Sincerely,

Kristin Macey, NCWM Chairman
**SATURDAY, JULY 15, 2017**  
8:30 a.m. – 5:00 p.m. .......... NCWM Board of Directors Meeting

**SUNDAY, JULY 16, 2017**  
7:30 a.m. – 9:00 a.m. .......... Coffee Service  
7:30 a.m. – 5:00 p.m. .......... Registration and Exhibits  
8:00 a.m. – 11:30 a.m. .......... Meter Manufacturers Association  
9:00 a.m. – 11:30 a.m. .......... Board of Directors  
9:00 a.m. – 11:30 a.m. .......... Weigh-in-Motion Task Group  
9:00 a.m. – 11:30 a.m. .......... Charter Team  
11:30 a.m. – 1:00 p.m. .......... Lunch on Your Own  
1:00 p.m. – 3:30 p.m. .......... Packaging and Labeling Subcommittee  
1:00 p.m. – 3:30 p.m. .......... Safety Task Group  
1:00 p.m. – 3:30 p.m. .......... Fuels and Lubricants Subcommittee  
3:30 p.m. – 4:00 p.m. .......... Joint Committee Meeting  
4:00 p.m. – 5:00 p.m. .......... Agenda Review  
5:30 p.m. – 7:00 p.m. .......... Chairman’s Reception

**MONDAY, JULY 17, 2017**  
7:00 a.m. – 9:00 a.m. .......... Light Breakfast  
7:00 a.m. – 5:00 p.m. .......... Registration and Exhibits  
8:00 a.m. – 8:30 p.m. .......... New Attendee Orientation  
8:30 a.m. – 12:00 p.m. .......... Open Hearings  
12:00 p.m. – 1:30 p.m. .......... Lunch on Your Own  
1:30 p.m. – 5:00 p.m. .......... Open Hearings (continued)  
1:30 p.m. – 5:00 p.m. .......... Committee Work Sessions

**TUESDAY, JULY 18, 2017**  
7:00 a.m. – 9:00 a.m. .......... Light Breakfast  
7:00 a.m. – 5:00 p.m. .......... Registration and Exhibits  
8:00 a.m. – 9:45 a.m. .......... **Open Hearings (continued)**  
9:45 a.m. – 10:00 a.m. .......... Break  
10:00 a.m. – 12:00 p.m. .......... **General Session**  
- Pledge of Allegiance and Invocation  
- Welcome Address  
- President’s Address  
- Chairman’s Address  
- Awards Ceremony  
12:00 p.m. – 1:30 p.m. .......... Lunch on Your Own  
1:30 p.m. – 4:45 p.m. .......... **Technical Sessions**  
2:30 p.m. – 2:45 p.m. .......... Break  
2:45 p.m. – 3:45 p.m. .......... Planning and Coordinating a National Market Place Survey  
1:30 p.m. – 5:00 p.m. .......... **Committee Work Sessions**  
5:00 p.m. – 6:00 p.m. .......... **Associate Membership Committee**  
8:00 p.m. ......................... **Addendum Sheets Available**

**WEDNESDAY, JULY 19, 2017**  
7:00 a.m. – 9:00 a.m. .......... Light Breakfast  
7:00 a.m. – 3:30 p.m. .......... Registration and Exhibits  
9:00 a.m. – 12:00 p.m. .......... Regional Association Meetings  
12:00 p.m. – 1:00 p.m. .......... Lunch on Your Own  
1:00 p.m. – 4:30 p.m. .......... **Voting Session**  
5:00 p.m. – 8:30 p.m. .......... **Special Event: Carnegie Science Center**

**THURSDAY, JULY 20, 2017**  
7:00 a.m. – 9:00 a.m. .......... Light Breakfast  
7:00 a.m. – 10:00 a.m. .......... Registration and Exhibits  
9:00 a.m. – 12:00 p.m. .......... **Voting Session (continued)**  
- Closing Ceremony  
- Passing of the Gavel  
- New Chairman’s Address  
- Benediction  
- Adjourn

**ACCOMMODATIONS**

The Omni William Penn Hotel  
530 William Penn Place | Pittsburgh, Pennsylvania  
Reservations: 1-800-THE-OMNI  
Group Name: National Conference on Weights and Measures  
Group Rate: $129.00/night, plus tax  
Reservation Deadline: The special rate is available on a first-come, first-served basis until June 23, 2017 or until the block has sold out. NCWM cannot guarantee the special group rate if rooms are still available in the NCWM block after June 23, 2017.

**Light Breakfast**: Included with full registration fee and can be purchased by guests as a four-day package for $30.00/person.

**Open Hearings Dress Code**: Business Casual, Business  
**General and Voting Sessions Dress Code**: Business
CHAIRMAN’S RECEPTION  
SUNDAY, JULY 16 | 5:30 P.M. - 7:00 P.M.  
Join us in honoring NCWM Chairman Kristin Macey by taking time to connect with friends or meet new people. Appetizers will be served with a cash bar. Admission is included in the full meeting registration fee; guests are welcome to purchase tickets $35.00/person. Attire is business casual.

SPECIAL EVENT: CARNEGIE SCIENCE CENTER  
WEDNESDAY, JULY 19 | 5:00 P.M. - 8:30 P.M.  
Join us for an evening at the Carnegie Science Center. One of four Carnegie Museums in the Pittsburgh area, the Carnegie Science Center provides entertainment and inspiration in a way that connects science and technology to our daily lives. Visitors will have exclusive access to exhibits on 3 levels of the center! Attire is casual.
EXPLORE PITTSBURGH!

Considered America’s “Most Livable City”, Pittsburgh is known for the friendliness of its people as well as its beautiful landscape. Pittsburgh’s riverfronts allow visitors to access points of interest with ease. Here is a list of a few fun things to see and do during our visit:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Activity</th>
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<tbody>
<tr>
<td>Andy Warhol Museum</td>
<td>National Aviary</td>
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<tr>
<td>Bike the Burgh Tours</td>
<td>Paint Monkey</td>
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<tr>
<td>Carnegie Museum of Art</td>
<td>Pittsburgh Festival Opera</td>
</tr>
<tr>
<td>Carnegie Museum of Natural History</td>
<td>Senator John Heinz History Center</td>
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<tr>
<td>Duquesne Incline</td>
<td>Soldiers &amp; Sailors Memorial Hall and Museum</td>
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<tr>
<td>Flight 93 National Memorial</td>
<td>Station Square</td>
</tr>
<tr>
<td>Gateway Clipper Fleet</td>
<td>Theatre Historical Society of America</td>
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<tr>
<td>The Great Escape Room Pittsburgh</td>
<td>Vietnam Veterans’ Monument</td>
</tr>
<tr>
<td>Hartwood Mansion &amp; Park</td>
<td>Wednesday Wine Flights</td>
</tr>
<tr>
<td>Heinz Field</td>
<td>and much more!</td>
</tr>
<tr>
<td>Molly’s Trolleys</td>
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</tbody>
</table>
TECHNICAL SESSIONS

THE LIFE CYCLE OF PETROLEUM FROM WELL TO RETAIL

Tuesday, July 18 | 1:30 p.m. - 2:30 p.m.

An overview on motor fuels from exploration of crude oil to retail gasoline and diesel. The presentation will cover refining to ASTM standards, pipeline and state requirements, pipeline and terminal additives, ethanol and biodiesel and finish at the retail station.

PLANNING AND COORDINATING A NATIONAL MARKET PLACE SURVEY

Tuesday, July 18 | 2:45 p.m. - 3:45 p.m.

Presentation on conducting an effective nationwide marketplace survey. Guidance on survey planning, training participants, inspection documentation, evaluation of survey results and sharing/publishing survey results.
102nd Annual Meeting Registration Form
July 16 - 20, 2017 • Pittsburgh, Pennsylvania

If you would like to exhibit, please fill out the exhibit form at www.ncwm.net/sems/event_detail/2017-annual-pa.
Submit your registration form in one of the following ways: Electronic: www.ncwm.net  Mail: 1135 M Street, Suite 110 / Lincoln, NE 68508  P: 402-434-4880  F: 402-434-4878

Attendee Information:
Check One: □ NCWM Member  □ Retired Member
□ Non-Member  □ Observer

Retired Member: A person with retired member status.
Observer: A first-time attendee; allows full participation in all sessions and discussions, but does not include voting privileges or special events.

Member ID: ____________________________ Name: ____________________________
Name for Badge: ________________________ Phone Number: ________________________
Guest Name: ____________________________ Email Address (Required): ________________________
Guest Name for Badge: ____________________
Organization / Jurisdiction: ____________________________
Street Address: ____________________________________________
City: ____________________________ State: ____________________________ Zip Code: ____________________________
Country: ____________________________

Registration Fees: A $25.00 fee will be added to on site registrations

<table>
<thead>
<tr>
<th>Before June 23, 2017</th>
<th>After June 23, 2017</th>
<th>Chairman’s Reception</th>
<th>Light Breakfast</th>
<th>Special Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCWM Member</td>
<td>$400.00</td>
<td>$450.00</td>
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<tr>
<td>Non-Member</td>
<td>$475.00</td>
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<tr>
<td>Observer</td>
<td>$200.00</td>
<td>$250.00</td>
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<tr>
<td>Attend Sunday ONLY</td>
<td>$100.00 (member)</td>
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<tr>
<td>Attend Tuesday Only</td>
<td>$150.00 (non-member)</td>
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<td>included</td>
<td>N/A</td>
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<tr>
<td>Guest</td>
<td>N/A</td>
<td>$35.00</td>
<td>$30.00 (4 day package)</td>
<td>$10.00/under age 5, $30.00/ages 6-13, $60.00/ ages 14+</td>
</tr>
</tbody>
</table>

Payment Information:

Account Number: ____________________________ Expiration Date: ____________________________ Security Code: ____________________________
Name on Card: ____________________________ Billing Address: ____________________________ Zip Code: ____________________________
Total Amount Enclosed: ____________________________

Policies: No audio or video recording devices are allowed. Written reports will serve as the official record for meetings. Cancellations received by June 23, 2017 are subject to a 15% cancellation fee. Cancellations received after June 23, 2017 are subject to a 50% cancellation fee. No refunds will be given after the event has commenced. In the case of a state-declared natural emergency a full refund will be issued. Refund requests due to personal medical emergencies shall be considered based on documentation. In such instances, a full refund may be issued. Refunds will only be made on registration fees paid to the National Conference on Weights and Measures.
Tradition and Technology: Finding the Right Balance

July 16 - 20, 2017
Pittsburgh, Pennsylvania

* This agenda reflects the events officially sanctioned by NCWM. Any events outside of those listed in the Conference agenda are not sanctioned by NCWM.

Photos Courtesy of VisitPITTSBURGH and the Carnegie Science Center