

PERA's 78th Annual Convention
2024 Program Registration &
Highlights



*Sheraton Hotel at Station Square
Pittsburgh, PA*

September 25 - September 27

PERA's mailing address:
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You can also scan your
completed form and
email it to:
joepolich@pera.org

Pittsburgh, PA

Sheraton Hotel at Station Square

Making Your Hotel Reservation

Your hotel reservation is just a click or phone call away. Click on or cut and paste the following link into your search engine to reach PERA's Sheraton Hotel at Station Square reservation page. Yes, the link is right – the Sheraton is a part of Marriott!

Click this link to [Book your group rate for PERA 2024 Annual Conference](#)

Although it's best to use the above link, you can always call to make your reservation. Call 800.325.3535 and be sure to use our **group name**, PERA 2024 Annual Conference.

The guaranteed rate of \$182.00 will be honored until 5:00pm on Tuesday, **September 3rd or until our block is full**. After that, the PERA rate will no longer be available. This rate **IS** available three (3) days before and three (3) days after our program **based on availability** so get your reservation in early! **If you desire to come in early or stay late, call** to make your reservation.

Room availability is based on a first come, first served basis. Once the PERA room block is filled, additional rooms will be subject to availability, but the guaranteed rate will apply only if the reservation is made prior to **September 3rd** and rooms are available in our block.

Self-parking is available at \$34/night. There is no valet service. There is both a parking garage and a surface lot available.

See page 4 for travel and transportation to and from the airport information.

Wednesday, September 25th

- 7:30am Buffet breakfast
- 8:00-8:05am Working breakfast –
Welcome by Program Planning Committee
Chairman Casey Calouette
- 8:05am *Keynote Address: How to Keep Your Top Talent from Becoming Someone Else's*
Prepare to be inspired and motivated by Lisa Ryan, a recognized powerhouse in the manufacturing, distribution, construction, and skilled trade industries. Lisa is a Certified Speaking Professional (CSP) and the author of eleven books. She helps organizations transform workplace culture and increase talent retention with real-world ideas and strategies that are immediately actionable.
- 9:15am *Welcome, President Skip Hartley*
- 10:00am Break
- 10:30am *Is Home Schooling the Answer?*
Cass Choate of Choate Performance Engineering is heavily involved in home schooling programs in an effort to get young people involved in our industry from an early age. He will share his experiences and results with you for you to decide if this is an avenue for you.
- 11:00am *A Remanufacturing Rustimonial: ARMOR VCI in Action*
Join Kristin Moore and Ryan Gingery of ARMOR Protective Packaging for an engaging presentation filled with first-hand insights into identifying and diagnosing rust issues. Discover how ARMOR VCI packaging provides a clean, safe, and easy solution for rust prevention, based on the real-life experiences of an ARMOR customer.
- 11:45am Lunch **hosted by AER Manufacturing**
Speaker: John Barnes, the Barnes Advisors, will discuss additive manufacturing - 3D Printing. John is an industry leader in this field!
- 12:45pm *Ensuring Compliance Beyond Insurance*
Brad Buell of Buell Insurance will discuss integrating compliance strategies with your current insurance policies for comprehensive protection. You must ensure your business is not just insured, but compliant by understanding essential government regulations and compliance requirements.
- 1:15pm *The 5.0L Ford Coyote*
Ford introduced to 5.0L Coyote engine to compete with the 6.2L LS3. This engine is found in the Mustangs and the F-150. While based on the

Wednesday, September 25th (continued)

- outgoing 4.6L, the 5.0L implemented Fords twin independent variable cam timing (Ti-VCT) technology. This presentation will go into all the details you'll want to know to successfully build it.
- 2:15pm Break
- 2:45pm *A Brief View of North America Technology Drivers for Vehicle Propulsion Systems*
Kimm Karp is head of MAHLE's Corporate Research R&D Services in North America and the Muskegon Technical Center will discuss the landscape for passenger and commercial vehicle propulsion systems which is currently in a major transformation.
- 3:45pm *Navigating Trends and Insights in the Domestic Automotive Market*
In this presentation, Brad Boeglin, Group Leader New Product Development & Emission Compliance, will delve into the dynamic shifts that have been shaping the domestic vehicle market. He will review the evolution in vehicles sold over the years along with trends in the engine market. He will also analyze electric vehicles and their impact on the market landscape. Lastly, Brad will bring out the crystal ball to review what data and market information is showing for the future trajectory of the domestic vehicle market.
- 4:45pm Session ends
- 6:00-7:30pm Opening Reception hosted by AER Manufacturing**
Reflections Ballroom (off the main lobby)
- Thursday, September 26th
- 7:30am Buffet Breakfast
- 8:00am Working breakfast & welcome back
Elections & Awards
- 8:30am *Stop Honing By The Numbers*
Rpk, Rk and Rvk, where do these numbers come from? Why do they change so much and so often? Utilizing new software and measuring tools, you can move beyond the numbers and actually SEE the surface texture created in your honing process. Once you can see that texture, you can begin to modify your process (abrasives, loads, etc..) to create better performing and longer lasting surfaces.

Thursday, September 26th (continued)

Stop Honing By The Numbers (continued)

Lake Speed, Jr. of Total Seal Piston Rings, Ed Kiebler of Rottler Manufacturing and Mark Malburg of Digital Metrology will share their vast knowledge of how to achieve the surface finish you need to deliver the best product you can.

9:15am Session ends for golfers

9:30am Break for nongolfers

9:45am Bus loads for Quicksilver Golf Club

9:45am Using AI Machine Vision to Improve Defect Detection in Automotive Components

Matt English, Sales Engineer for Cognex, will explore the vision systems available today that can be easily implemented with minimal training to quickly identify defects humans may miss. He will show how this can improve throughput, reduce scrap, and maximize manpower in automotive manufacturing processes.

10:45am Cam Phasers/VVT Technology

Schaeffler Automotive Aftermarket will discuss this technology, engineering, and the design behind VCT systems. Included will be causes of premature wear and tear and the resulting damage.

11:45am Lunch **hosted by Dorman Products**

12:45pm Tours

There will be two tours this afternoon, one to Carnegie Robotics and one to XXXXXXXX. We will split the group in half with one bus going to Carnegie Robotics and one to XXXXXXXX then swapping them so everyone will go on both tours.

4:30pm Return to Sheraton

6:00pm Free Evening

Friday, September 27th

7:30am Buffet breakfast

8:00am Welcome back

8:15am Direct Injected Gas Engines Over Time

Pim van den Bergh of United Engine & Machine will talk about the history of direct injected engines; the why's, the issues, the solutions and the changes over time.

Friday, September 27th (continued)

9:00am

What You Need to Know About Import/Export

This will be an in-depth guide on the importation side of a shipment by Jacob Lee of Profreight, Inc. covering everything from record keeping and new regulations. Finally, he will transition into the exportation of the final product, duty drawbacks and free trade zones and how they can be used to save your company money.

10:00am Break

10:15am

The 6.7L Powerstroke

Cass Choate of Choate Engineering Performance is back to share his vast knowledge of the 6.7L Powerstroke, the good and the bad. He'll delve into how to fix the bad and enhance the good.

11:00am

Putting the US Back in US Manufacturing

Jack Kirr of MT Analysis is an independent consultant who provides the most current and comprehensive information on the machine tool market. Jack will show how machine tool sales are strong indicators of the overall health of the economy.

11:50pm

Closing

Casey Calouette & Skip Hartley

12:00noon

Lunch hosted by Silver Seal & U.S. Tool & Mfg.

12:45pm

Tours

There will be two tours this afternoon, one to the ARM institute Robotics and one to XXXXXXXX. As with yesterday's tours, half the group will go on each then we'll swap so everyone will go on both tours.

4:00pm

Return to Sheraton

6:00pm

Lumberjax



Yes, you are seeing right. We'll be at Lumberjax for a private closing party, but axe throwing is not all. We'll have an open bar, buffet and music to round out the 2024 annual convention.

9:30pm

Return to Sheraton

Spouse Tours

[See more details at the bottom of our home page](#)

www.pera.org

Wednesday, September 25th

9:30am Departure

Return to the Sheraton by 3:00pm

Artistic Hues & Vineyard Views

The Carnegie International Museum of Art is arguably the first museum of contemporary art in the United States, collecting the “Old Masters of tomorrow” since the inception of the Carnegie International in 1896. Its collection of more than 34,000 objects features a broad spectrum of visual arts.

In addition to the museum, you will immerse yourself in the allure of Narcisi Winery, a family-owned Italian wine haven. Guided by seasoned experts, wander through the vineyards, then delve into the winemaking process, followed by a delightful alfresco lunch buffet amidst the winery’s landscape.

Thursday, September 26th

10:00am Departure

Return to the Sheraton by 6:15pm

Falling Waters

Nestled in the mountains of Southwestern Pennsylvania is one of Frank Lloyd Wright’s most acclaimed works, Falling Waters. It exemplifies his philosophy of organic architecture and truly celebrates the power of design in harmony with nature. As you walk the beautiful, forested grounds and explore the house from both interior spaces and outdoor cantilevered terraces, you will closely examine Fallingwater’s intimate relationship with the mountainous landscape that inspired its design.

Lunch will be served at the Historic Stone House Restaurant Inn & Tavern, one of the original wayside inns along the National Road. Opened in 1822 it served waggoners and travelers crossing Western Pennsylvania.

Friday, September 27th

9:45am Departure

Return to the Sheraton by 2:45pm

Renowned Pop Art & Historic Elegance

No trip to Pittsburgh is complete without a visit to the Andy Warhol Museum! Your journey begins by stepping into the colorful world of the legendary pop artist, Andy Warhol. This museum is one of the most comprehensive single-artist museums in the world and the largest in North America. After the tour, you will dive into his revolutionary silkscreen printing technique. Get ready to experiment with patterns, colors, and imagery to create your own personalized silkscreen print.

Following the museum, you’ll be treated to lunch at the Grand Concourse in the historical landmark railroad station built in 1902.

[Ladies Program Signup on Page 6](#)

Travel Information

PERA 78th Annual Convention

Parking at the Sheraton at Station Square

Self-parking is available at \$34/night in either the parking garage or surface lot.

Driving to the Sheraton at Station Square

The Sheraton is located at 300 W. Station Square Drive. Use this link for driving directions from your location:

[Sheraton at Station Square - Google Maps](#)

Airport to the Sheraton

There is no Sheraton shuttle from the airport. Your best option is taxi or share ride services.

Name: _____
 Badge Nick Name: _____
 Spouse Full Name: _____
 Spouse Badge Nick Name: _____
 Company: _____
 Address: _____
 City: _____
 State: _____ Zip: _____
 Phone: _____ **Mobile:** _____
 Email: _____

If you have multiple people from your company using the same credit card or check, use one form to calculate all charges and **Use separate forms** for the other names, spouse tours, golf handicaps and club info. The fields will automatically calculate when you enter the number registered.

Registration Options:

Member (First 2 registrations) # reg _____ \$725 each _____
 Member (add'l regs. above 2) # reg _____ \$425 each _____
 Member Spouse # reg _____ \$275 each _____
 Non-Member # reg _____ \$950 each _____
 Non-Member Spouse # reg _____ \$375 each _____

(Attending Spouses Must Register)

Golf # reg _____ \$100 each _____
 Golf clubs # reg _____ \$30 each _____

Total _____

Payment information:
 All checks should be made payable to:
Production Engine Remanufacturers Association
Email forms to joepolich@pera.org (preferred) or fax: 817-628-0909
 Credit Card Number: _____

 Exp. Date _____ Security # _____ Card _____
 Name as it Appears on the Card: _____

 Cardholder's Signature: _____

Convention Cancellation Refund Policy
 Cancellations will be accepted through August 10th for a full refund. A 50% refund will be issued for cancellations received Aug. 11-Sept. 1. There will be **NO REFUNDS** for cancellations after September 1st.

The Bill Levy Memorial Golf Tournament
Thursday, September 26th



Quicksilver Golf Club is tucked among Western Pennsylvania's rolling hills where you'll find the fairways lush and the greens fast and true. Its award-winning course has been host to the Senior PGA Tour and the Ben Hogan Tour (now the Korn Ferry Tour). Golf Chairman Cully Calouette has made an outstanding choice for this year's tournament.

Member Handicap _____ Fee: \$100.
 Spouse Handicap _____ Fee: \$100.

\$30 Rental Clubs Men Yes RH LH No
 \$30 Rental Clubs Women Yes RH LH No

Note: Rental clubs are on a first-come, first-serve basis.

Ladies Program Signup

Wednesday, September 25th
 Name _____ Name _____
Thursday, September 26th
 Name _____ Name _____
Friday, September 27th
 Name _____ Name _____