

Attend a one-day conference hosted by
ROUSH YATES & MAHLE

AUGUST 21, 2015 • ROUSH MUSEUM, LIVONIA, MICHIGAN



**TECH & SKILLS
REGIONAL
CONFERENCES**

All shops welcome!

NEED NOT BE AN AERA MEMBER TO ATTEND.

**All attendees receive a FREE 90-day AERA membership, a FREE Failure Analysis Manual,
plus many door prizes from several vendors!**

**\$50
FROM
EREF**








**AERA MEMBER SHOPS will receive a \$50 reimbursement from EREF
after attending any Tech & Skills Conference!**

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engine
professional

Schedule – August 21, 2015

7:00 - 7:30 am	EXHIBITOR SETUP	
8:00 - 8:20 am	CONTINENTAL BREAKFAST, VISIT EXHIBITORS	
8:20 - 8:30 am	HOST AND EXHIBITOR INTRODUCTION Jack Roush, Roush Yates Engines	
Jack Roush would like to welcome everyone to the 2015 AERA Conference at the Roush Museum hosted by Roush Yates Engines and MAHLE Aftermarket.		
8:30 - 9:15 am	TECHNICAL SESSION #1 Marc Kinnemann, Mitsubishi Materials <i>"Application of Indexable and Solid Carbide Cutting Tools"</i>	
Marc Kinnemann, Manager of Mitsubishi Materials Corporation U.S.A.'s Schaumburg, Illinois Technical Center, will discuss the application of both indexable and solid carbide cutting tools. Considerations necessary for the proper selection of grade, edge preparation, spindle speed, depth of cut and feed rate will be recognized and discussed.		
9:15 - 10:00 am	TECHNICAL SESSION #2 Bob Dolder, Sunnen <i>"How Honing Works on Different Components of the Internal Combustion Engine"</i>	
Bob Dolder, presentation will cover the technology, theory and procedures behind honing of the many different components within an internal combustion engine that require precision bore sizing, such as cylinders, crank bores, cam bores, pistons, connecting rods, valve guides and lifter bores.		
10:00 - 10:30 am	MORNING BREAK	
10:30 - 11:15 am	TECHNICAL SESSION #3 Steve Fox, AERA <i>"PROSIS PRO Engine Specification Software"</i>	
Steve Fox will introduce you to PROSIS PRO engine specification software. This new and improved version utilizes the latest interactive web technology to help you find engine specs efficiently, accurately and easily. This new web application encompasses all the features of original PROSIS, PROSIS SA and PROSIS Web programs.		
11:15 am - 12:00 pm	TECHNICAL SESSION #4 Jamie McNaughton, Roush Yates Engines <i>"Race Engine Development to Production Engines"</i>	
Jamie McNaughton, Technical Director at Roush Yates Engines, will discuss how development of racing engines are utilized in today's production engines. Roush Yates will also discuss Ford's return to Le Mans in 2016 with a the Eco Boost Production platform.		
12:00 pm - 1:15 pm	LUNCH (Meal provided on site by the host), VISIT EXHIBITORS	
1:15 - 2:00 pm	TECHNICAL SESSION #5 Bill McKnight, MAHLE <i>"Understanding the Changes In Late Model Piston Rings and How Those Changes Impact the Rebuilder"</i>	
Examining the technology of steel compression rings and advanced coatings both at the OE level and how they apply to the aftermarket.		
2:00 - 2:45 pm	TECHNICAL SESSION #6 Mark Chollett, Cometic Gaskets <i>"Application of Modern Gasket Technology"</i>	
Mark will be talking about the Basics of MLS gaskets, some common questions about MLS gaskets, custom MLS options and other applications of MLS gasket technology. Gasket materials other than MLS will be covered also.		
2:45 - 3:00 pm	Q&A	
3:00 - 5:00 pm	TOUR	



Accommodations

DETROIT MARRIOTT LIVONIA

17100 Laurel Park Drive N
Livonia, MI 48152
(734) 462-3100
\$129 (KING)

HOLIDAY INN DETROIT LIVONIA

17123 Laurel Park Drive N
Livonia, MI 48152
(734) 464-1300
\$120 (2 QUEENS) \$129 (KING)

HYATT PLACE DETROIT LIVONIA

19300 Haggerty Rd
Livonia, MI 48152
(734) 953-9224
\$129-\$139 (KING)

HILTON GARDEN INN PLYMOUTH

14600 Sheldon Rd
Plymouth, MI 48170
(734) 354-0001
\$169 (KING)

Shipping Address for Exhibitors

ROUSH MUSEUM

11851 Market St
Livonia, MI 48150



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HOSTED BY:



ROUSHYATES

MAHLE[®]
ORIGINAL



WHEN: AUGUST 21, 2015

WHERE: **ROUSH MUSEUM**

11851 MARKET ST, LIVONIA, MICHIGAN 48150

(734) 779-7290 www.roushcollection.com

Register online at www.aera.org/conferences

ATTENDEE REGISTRATION FORM

NAME _____

COMPANY NAME _____

AERA ID NUMBER _____ ☐ NON-MEMBERS PLEASE CHECK HERE.

COMPANY ADDRESS _____

CITY, STATE, ZIP _____

PHONE _____

E-MAIL OR FAX CONFIRMATION (REQUIRED) _____

SIGNED BY _____

FEES: \$40 per person (\$20 for each additional person from the same shop — list additional attendee names below)

TOTAL AMOUNT ENCLOSED: _____

☐ CHECK — PLEASE MAKE PAYABLE TO AERA.

CREDIT CARD: ☐ VISA ☐ MASTERCARD ☐ DISCOVER ☐ AMERICAN EXPRESS _____

CARD NUMBER: _____ EXPIRATION: _____ 3-DIGIT CSC: _____

CARDHOLDER NAME: _____

CARDHOLDER SIGNATURE: _____



If paying by credit card, please fax completed registration form to AERA

toll-free fax 888-329-2372

Or, **mail** your completed form with payment to: AERA-Engine Builders Association, 500 Coventry Lane, Suite 180, Crystal Lake, IL 60014.
Call AERA toll-free if you have any questions: 888-326-2372 or direct at 815-526-7600.



ROUSHYATES **MAHLE**
ORIGINAL

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