**Venue and Accommodations**
Marriott Hotel and Conference Center at Grand National
3700 Robert Trent Jones Trail, Opelika, AL 36801
Phone: 334-741-9292, Toll Free: 1-800-593-6456
Web: http://www.marriott.com
Special Conference Hotel Rate Expires on September 16, 2016

**Conference Registration**
Online via WWW: http://www.eng.auburn.edu/mech
Mail-in Registration Form Below

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**Conference Objectives:**
- Provide a Forum for Interactions between Practicing Engineers, Auburn Alumni, and the Department of Mechanical Engineering at Auburn University
- Provide Continuing Education Opportunities

**PDH Credit for Professional Engineers**
Earn 15 Hours of Continuing Engineering Education to be Used for Professional Development Hour (PDH) Credits Needed to Maintain Professional Engineering Licenses. All Shortcourses will be Presented by Auburn University Faculty and Invited External Experts.

**Course Topics Include:**
- Overview of Current Trends in Mechanical Engineering Education and Research, and Vehicle Design Activities
- Introduction to MEMS Technology
- Cutting HVAC Costs in Commercial Settings
- Introduction to Surface Science
- Advances in Additive Manufacturing
- Surface and Friction Engineering

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**Earn 15 PDH for $195**

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**14th Annual Elements of Mechanical Engineering Conference**
Marriott Hotel and Conference Center at Grand National
October 2-3, 2016

**Registration Fee:** $195
**Includes:**
- Attendance at All Sessions and Events,
- Shortcourse Notes, Sunday Barbeque,
- Monday Breakfast and Lunch, and
- Refreshment Breaks.

**Payment by Credit Card (Online)**
Credit Card Registrations must be done Online.
WWW Online Registration: http://www.eng.auburn.edu/mech

**Payment by Check (Mail)**
Please print or type; register one person per form; photocopy if more forms are needed.

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Tentative Conference Program and Agenda

Sunday, October 2, 2016

1:00 - 2:00 PM  Registration, Marriott Conference Center Lower Level

2:00 - 4:00 PM  Opening Session - Current Trends in Mechanical Engineering
- Curriculum Innovations in Mechanical Engineering
- Educational and Research Initiatives
- Vehicle Design Activities at Auburn University
  Dr. Jeffrey C. Suhling, Dr. Peter D. Jones, and College of Engineering Students

4:00 - 9:00 PM  On-Campus Session - Presentations, Tours, and Dinner
- Graduate Student Research Poster Presentations
- Design and Manufacturing Laboratory
- Student Built Vehicles (Baja, Formula, Lunar Rover, Autonomous, etc.)
- On-Campus Barbeque Dinner

Monday, October 3, 2016

7:00 - 8:00 AM  Breakfast and Registration

8:00 - 9:45 AM  Shortcourse 1 - Introduction to MEMS Technology
  Dr. Robert Dean

9:45 - 11:30 AM  Shortcourse 2 - Cutting HVAC Costs in Commercial Settings
  Dr. David F. Dyer, P.E.

11:30 - 12:30 PM  Lunch

12:30 - 2:15 PM  Shortcourse 3 - Introduction to Surface Science
  Dr. Michael J. Bozack

2:15 - 4:00 PM  Shortcourse 4 - Advances in Additive Manufacturing
  Dr. Jordan C. Roberts

4:00 - 5:45 PM  Shortcourse 5 - Surface and Friction Engineering
  Dr. Robert L. Jackson

5:45 - 6:00 PM  Closing

CEU / PDH Credit
Attendees participating in all sessions will receive credit for 15 hours of continuing engineering education courses from Auburn University. These hours can be submitted to a state board of licensure to satisfy professional development hour (PDH) credits needed to maintain professional engineering licenses.

Instruction
The Conference is organized by the Department of Mechanical Engineering within the Samuel Ginn College of Engineering. Shortcourses are presented by faculty of Auburn University and invited external experts.