



November 13–19, 2015 • Houston, Texas



# 2015 IMECE

## ONE GREAT LEARNING EXPERIENCE

### INTERNATIONAL MECHANICAL ENGINEERING CONGRESS & EXPOSITION



#### SEPTEMBER 2015

ASME's International Mechanical Engineering Congress and Exposition (IMECE) is the largest interdisciplinary mechanical engineering conference in the world. Among the 4,000 attendees from 75+ countries are mechanical engineers in advanced manufacturing, aerospace, advanced energy, fluids engineering, heat transfer, design engineering, materials and energy recovery, applied mechanics, power, rail transportation, nanotechnology, bioengineering, internal combustion engines, environmental engineering, and more.

## INNOVATION @ IMECE

#### Invited Industry Presentations Announced

As the hub for the mechanical engineering community, IMECE brings together interdisciplinary fields to discuss challenges they are facing and measures they have taken to overcome these challenges.

This year, we're featuring the following speakers who will share their stories:

- [Andrey Filippov](#) from Halliburton
- [Bruno Barthelemy](#) from Ford Motor Company
- [Ed Marotta](#) and [Stephen Szpunar](#) from GE Oil & Gas

Make sure you register now for IMECE, so you can experience innovation from these presenters, the conference-wide [plenary speakers](#), the [keynote](#), and presentations spanning more than [20 tracks and 240 topics](#).

#### IMECE is a Hands-on Learning Experience

This year, attendees will have a chance to experience Houston-based mechanical engineering projects by signing up for [Technical Tours](#). Technical tours are only

#### Important Links

[Register Online](#)

[View the Technical Program](#)

[Book Your Hotel Room](#)

[Make Travel Plans](#)

[Obtain a Visa](#)

#### In the World of Mechanical Engineering

[The Industrial Internet and the Future of Work](#)

[Solar Storage When the Sun Goes Down](#)

[Ultrafast Lasers Push the Limits of Technology](#)

[From Science Fiction to Reality: The Dawn of the Biofabricator](#)

[Why Being Able to 3-D Print Glass Objects Is Such a Big Deal](#)

available to those who are registered for the full conference.

The 2015 Technical Tours include:

- Tour of the Texas Medical Center: Rice University, George R. Brown School of Engineering, the Oshman Engineering Design Kitchen
- Tour of the Texas Medical Center: TECO (Thermal Energy Corporation)
- Tour of the Texas Medical Center: Texas Heart Institute
- Tour of Ocean Star Offshore Drilling Rig & Museum
- Tour of the FMC Technologies Subsea Systems
- Tour of Stress Engineering Services

Descriptions of each tour are available at [www.asmeconferences.org/IMECE2015/TechnicalTours.cfm](http://www.asmeconferences.org/IMECE2015/TechnicalTours.cfm). In order to attend a tour, you must register and [pay the additional registration fee](#). If you have already registered for IMECE, please log in to your registration at IMECE and click "Purchase Additional Items" to add a technical tour. Space for each tour is limited and fills quickly, so we recommend registering as soon as possible.

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### New This Year! ASME Training & Development Courses at IMECE

To enhance the educational experience, you've come to expect at IMECE, ASME Training & Development will present four [MasterClass courses](#) at ASME IMECE in Houston.

- [Verification and Validation in Scientific Computing](#)
- [Fatigue Analysis Requirements in ASME Boiler and Pressure Vessel Code Section VIII, Division 2 - Alternative Rules](#)
- [Run-or-Repair Operability Decisions for Pressure Equipment and Piping Systems](#)
- [Bases and Application of Piping Flexibility Analysis to ASME B31 Codes](#)

ASME MasterClasses are not included in IMECE Full Conference Registration and require separate registration at <https://www.asme.org/products/courses/asme-program-mc1018>.

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### Don't Forget the Guest Tours

Is it your first time in Houston? Or would you just like to explore the area? We have organized three tours for that are designed to showcase many diverse attractions in the Houston area. Here are the tours for 2015:

- [Space City USA](#) - Sunday, November 15
- [Galveston Museum and Historic Tour](#) - Monday, November 16
- [George Ranch Historical Park](#) - Tuesday, November 17



**VIEW** FURTHER DETAILS ON PROGRAM TOPICS  
AND CONFERENCE INFORMATION.

