

2009 ASME International Mechanical Engineering Congress & Exposition

Your unparalleled opportunity to learn about research & applications that are shaping the future of engineering!

CONGRESS KEYNOTE EVENT

Sunday, November 15 — 5:30pm - 7:00pm

"Space Exploration: Commemorating the Past, Envisioning the Future"



Keynote Address

Rear Admiral T.K. Mattingly (USN, Ret.), a veteran Apollo and space shuttle astronaut, will share the story behind one of the most inspiring examples of crisis management in recent history - the plight of ill-fated Apollo 13's safe return to Earth. Mattingly, who was originally scheduled on the mission, played a critical role in the safe return of the crew. Mattingly later was a crew member onboard Apollo 16.

Special Presentation

In commemoration of the 40th anniversary of the Apollo 11 moon landing, ASME President Amos E. Holt, and Immediate Past President Thomas M. Barlow will present the *ASME President's Award* to the mission's crew - astronauts Neil Armstrong, Buzz Aldrin, and Michael Collins.



[More Keynote Event information](#)



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Note: Program is subject to change.

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[Track 14 New Developments in Simulation Methods and Software for Engineering Applications](#)

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Track Organizer: Jayathi Murthy, Purdue University

Track Co-Organizer: Marisol Koslowski, Purdue University

Track Co-Organizer: Jeff Vipperman, University of Pittsburgh

[14-1 General](#)

[14-1-1 Advances in Optimization Techniques](#) *(Technical Session)*

Session Schedule: Monday, November 16, 2009 08:00 AM-09:30 AM

Session Sponsors:

Session Organizer: Jayathi Murthy, Purdue University

[IMECE2009-10108](#) Kriging Modeling for Engine Mount Optimization in Motorcycles Technical Publication

[IMECE2009-10161](#) ANN FOR TRIBOLOGICAL APPLICATIONS Technical Publication

[IMECE2009-10277](#) ON THE CONSTRUCTION AND USE OF SURROGATE MODELS FOR THE DYNAMIC ANALYSIS OF MULTIBODY SYSTEMS Technical Publication

[IMECE2009-13343](#) Integrated Approach for Life Prediction of Thermo-Fluidic Systems Technical Publication

[IMECE2009-12881](#) Hybrid Method of Engineering Analysis: Combining Meshfree Method with Distance Fields and Collocation Technique Technical Publication

[14-1-2 Advances in Simulation Methods For Fluids and Structures](#) *(Technical Session)*

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Committee Meeting

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