

Advanced Reciprocating Engine Systems (ARES) Workshop

in

**INTERNATIONAL MECHANICAL ENGINEERING CONGRESS & R&D EXPOSITION
November 15-21, 2003, Marriott Wardman Park Hotel, Washington, DC**

General Information:

The Workshop on Advanced Reciprocating Engine Systems (ARES), sponsored by The Internal Combustion Engine Division (ICED) of ASME and the US Department of Energy (DOE) will be held during the ASME 2003 International Mechanical Engineering Congress and R&D Exposition (IMECE) at the Marriott Wardman Park Hotel in Washington D.C., from November 15-21, 2003. The workshop includes tutorials that are being built by the Academic Advisory Board of DOE's Advanced University Reciprocating Engines Program (AUREP) for the ASME-ICED. For further Conference information or to register, please visit the conference web page: <http://www.asmeconferences.org/congress03>, under "Energy" Track in the Technical Program Overview.

See the [Technical Program](#) for details of the Workshop Sessions, which will be held between November 19-20, 2003.

An overview session reviews the basic ARES engine operating characteristics and cutting-edge pathways to improvements. The other sessions give tutorials and exciting research highlights in engine combustion and ignition, emission and after-treatment, friction and parasitic loss. The Workshop concludes with a Panel Session, in which industry experts will discuss the technical challenges and industry-government-university alliances necessary to achieve efficiency goals that target 50 percent while meeting cost and emissions requirements.

Ronald Fiskum, DOE's Program Manager for ARES, will be the featured speaker. Tutorials and research highlights will be given by representatives of the Academic Advisory Board (a select group of professors conducting advanced research for the DOE ARES Program). The Panel Session will include distinguished panelists from Caterpillar Inc., Cummins Inc., Waukesha Engine Dresser, Inc., and Southwest Research Institute.

The ASME IMECE is one of the largest engineering conferences with over 2500 expected attendees. You will be afforded the opportunity to broaden your horizon in engines and expand your contacts with colleagues from industry, universities, and government. We encourage you to register promptly, at <http://www.asmeconferences.org/congress03>.