



**ASME Internal Combustion Engine Division
2006 Spring Technical Conference
May 7 – 11, 2006
Aachen, Germany**



Hosted by



The 2006 ASME Internal Combustion Engines Division Spring Technical Conference will be held in Aachen, Germany and hosted by FEV. To be competitive in today's market, engine professionals need information and the ASME Internal Combustion Engine Conference is the place to get it. We also know your time is valuable, so we pack a lot of information into a two day technical program. The conference addresses the design, development and application of compression-ignition (diesel), spark ignition, rotary or reciprocating engines. A special focus for this conference will be on end user applications of engines in the Marine, Stationary, Rail, and Automotive markets. The Technical Program is shaping up with over 80 technical papers to be presented, and a panel discussion on **“Future UIC-EC-EPA Locomotive Exhaust Emission Regulations.”** The Aachen meeting is drawing great participation from European engine manufacturers and end-users in the areas of power generation, rail transportation, and marine industry. Works tours in conjunction with the technical meeting will include FEV, an internationally recognized leader in the design and development of internal combustion engines, and Deutz, a world wide operating leading manufacturer of diesel engines for on-road and off-road applications.

The conference will begin on Sunday with a welcoming reception at the Quellenhof Hotel. The Technical Program will begin Monday morning with the Keynote Address by Prof. Dr-Ing. Stefan Pischinger, President and CEO of FEV. Professor Pischinger will discuss some of the internal combustion engine challenges for the future, more specifically the current development trends of engine technologies. Some of the topics that are going to be discussed include diesel engine emissions reduction strategies, fuel consumption trends, future engine torque characteristics, and engine downsizing and fuel economy. With respect to gasoline engines, he will discuss methods to achieve levels comparable to that of diesel engines with respect to fuel consumption and torque characteristics, valve train variability, downsizing and transient performance. In general, a short Q&A follows the presentation. Monday evening, participants are encouraged to dine at one of the many fine restaurants in the downtown area.

Following the Keynote Address, the Technical Program will continue through Tuesday afternoon with four (4) concurrent sessions. Session Topics End use operations and maintenance, Small Engine Technology, New Developments in engine and emissions technologies, After-treatment systems modeling and testing, Developments in large bore diesel and natural gas engines, Alternate fuels, Hydrogen and Pyrolysis of fuels, Combustion and emissions, Advancements HCCI engine combustion, Fuel injection and sprays, Engine design, Design, Mechanics, and NVA, Lubrication and Friction, and Controls, Sensors, and Instrumentation. Monday evening, participants are encouraged to dine at one of

the many fine restaurants in the downtown area. The conference dinner on Tuesday evening will be held at the Coronation Hall.

The conference site is the Dorint Quellenhof Hotel in Aachen. Rooms have been blocked at numerous hotels close to the conference site to accommodate various tastes and budgets. Hotel arrangements can be made online through the Aachen tourist agency at the link below. Aachen is located in westernmost Germany near the tri-border region of Belgium, Netherlands, and Germany. Aachen, once an imperial Roman City, has a rich history and unique blend of medieval and modern architecture that includes the Cathedral and Town Hall, which date to the 14th century. Hot springs, fountains and monuments are among the many famous sights the city has to offer. The host hotels are within a short walk of the city center and offer easy access to many shops, restaurants, and historic sights. This historic city lies within a short distance of the international airports of Brussels, Dusseldorf, and Cologne. Meeting participants choosing other international airports, such as Frankfurt, Paris, or Amsterdam, can conveniently link to Aachen via rail or car. A taxi ride from the Aachen Rail station to one of the host hotels is approximately 6 Euro.

Please visit the conference website to learn more about the technical program and conference registration details: <https://www.asmeconferences.org/ices06/>

ASME-ICED Chair: Mr. Neil Blythe, General Electric, Erie, PA (USA)

HYPERLINK Technical Program Chairman: Dr. Ramesh Poola, Electro-Motive Diesels, Inc., LaGrange, IL (USA)

Administration Program Chairman: Mr. Timothy Callahan, Southwest Research Institute, San Antonio, TX (USA)

HYPERLINK

Helpful and informative links:

ASME Conference Web Site: www.asmeconferences.org/ICES06

Aachen Web Site: www.aachen.de/EN/index.html

Rail Travel Information: www.bahn.de/

Hotel Reservations: www.aachen-congress.de/asme06