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press release

LMS to showcase its unique fuel injection simulation solution at the 2009 IMECHE Injection Systems for IC Engines Conference

Leuven, Belgium – May 12, 2009 – LMS, the engineering innovation company, will showcase its extended solutions for internal combustion engine injection systems at the 2009 IMECHE Injection Systems for IC Engines Conference, to be held in London on May 13th and 14th. LMS will present its comprehensive 1D simulation solutions as well as a new solenoid injector demo for common rail systems, performing multiple-injections.

The LMS Imagine.Lab Internal Combustion Engine Related Hydraulics solution helps design and optimize fuel systems and components from tank to injector. It further assists in designing valve actuation systems in relation to the engine cylinder. This solution is based on the LMS Imagine.Lab AMESim multiple-domain system simulation approach and helps develop new concepts to resolve specific issues posed by internal combustion engines.

The 2009 IMECHE Injection Systems for IC Engines Conference focuses on the latest technology for system design, characterization, measurement and modeling. The conference will cover all technological aspects of diesel and gasoline fuel injection systems, ranging from fuel spray theory, component design to effects on engine performance, fuel economy and emissions.

LMS' solutions help auto, truck and bus OEMs and suppliers confront challenges posed in IC systems, such as high-pressure multiple injections, gasoline direct injection or variable valvetrain. The LMS Internal Combustion Engine Related Hydraulics solution can model, simulate and analyze current and future injection systems such as gasoline injection, diesel and alternative fuels (DME, LPG, CNG), low and high-pressure injection systems, indirect/direct injection, common rail as well as solenoid, piezo, electro-hydraulic valve or mechanical actuation.

“The LMS Imagine.Lab solution for fuel injection provides fast and efficient simulation of the complete injection system. The accessibility, solver efficiency and accuracy of the models helps both specialist as non-specialist engineers design robust systems while keeping costs and delays under control,” commented Stefaan Goossens, Vice President Simulation.

LMS' fuel injection solutions are used worldwide by companies like Delphi, Denso, Continental, Fiat, GM, BMW, Volvo, Ricardo, Landi Renzo, Visteon, Magneti Marelli and many more.

Please visit booth 1 at the 2009 IMECHE Injection Systems for IC Engines Conference in London, England on May 13th and 14th to learn more about the LMS Imagine.Lab Internal Combustion Engine Related Hydraulics solution as well as other unique cost-efficient LMS solutions and tools. Our experts will be present to answers your questions.

High resolution picture for this PR can be found on www.lmsintl.com/pressimages .



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About LMS:

LMS is an engineering innovation partner for companies in the automotive, aerospace and other advanced manufacturing industries. With approximately 30 years of experience, LMS helps customers get better products to market faster and turn superior process efficiency into key competitive advantages. With a unique combination of 1D and 3D simulation software, testing systems and engineering services, LMS tunes into mission critical engineering attributes, ranging from system dynamics, structural integrity and sound quality to durability, safety and power consumption. With multi-domain solutions for thermal, fluid dynamics, electrical and mechanical system behavior, LMS can address the complex engineering challenges associated with intelligent system design. Thanks to our technology and dedicated people, LMS has become the partner of choice of more than 5,000 manufacturing companies worldwide. LMS is certified to ISO9001:2000 quality standards and operates through a network of subsidiaries and representatives in key locations around the world.

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