

engineexpo2010



www.engine-expo.com

SHOW NEWS

22, 23, 24 June 2010 | Messe Stuttgart | Stuttgart | Germany

ENGINE SHOW TIME IN STUTTGART

ENGINE EXPO 2010 IS COMING - SEE THE LATEST TECHNOLOGIES HERE FIRST

■ Engine Expo returns to Stuttgart, Germany, on 22, 23 and 24 June for what promises to be the biggest and most popular show in the event's history. This year's exciting trade fair will not only boast the latest state-of-the-art powertrain technologies and systems from some of the world's leading component suppliers, it will also feature for the first time an Electric & Hybrid Pavilion – a dedicated area exclusively for businesses displaying next-generation electric battery, hybrid and fuel cell powertrain systems.

Taking place at the new Messe Stuttgart, this year's Engine Expo will also see some of the biggest names in the automotive powertrain world present papers as part of the Open Technology Forum, which is free to attend, and will run throughout the three-day event.

Moreover, in addition to the forum and the wide range of new technologies being showcased, Engine Expo 2010 will host the International Engine of the Year Awards, which have become the most coveted prizes in the powertrain development business.

Commenting on last year's Engine Expo, Shoichi Ishida, chief engineer for Denso, said, "Engine Expo is good and the forum is brilliant. There's a lot to take in and much to see." Nissan Europe's manager of diesel calibration, Felix Gimenez, agreed: "It was a very interesting show. The location is really good. I'm a first-time visitor and I've enjoyed discovering new powertrain technologies." And those manning the stands were equally impressed, with Bill Wrinn, marketing manager at the Scuderi Group, noting the quality of Engine Expo: "The show has been awesome. It's been really busy. The flow of traffic between automotive companies, senior engineers, some partners of ours, and even investors has been great. This expo has been really impressive."

Staged at the same time and place as Automotive Testing Expo 2010, Crash Test Expo 2010, European Automotive Components Expo 2010 Vehicle Dynamics Expo 2010 and Automotive Interiors Expo, Engine Expo 2010 is the crucial powertrain event for all those plying their trade in the automotive engine-development industry.



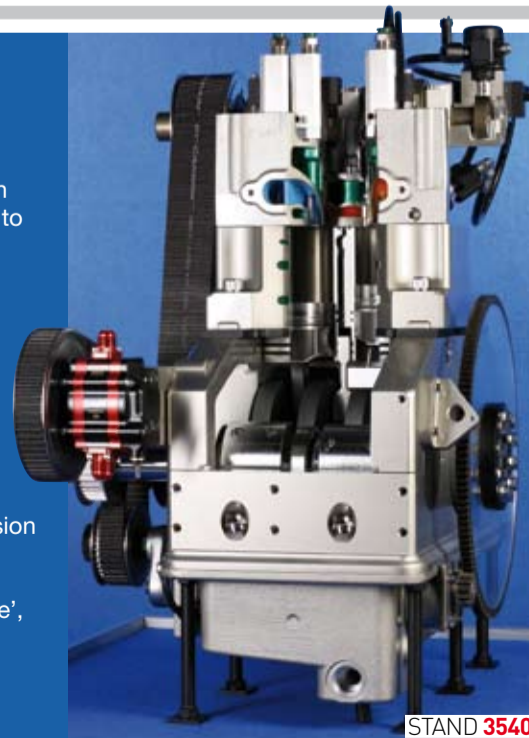
INDEPENDENT TESTING

Having had a very successful time at last year's Engine Expo, **Scuderi Group** will be back at the Stuttgart Messe this year, armed with the news that independent laboratory test results of the Scuderi Engine prototype at part load show a coefficient of variability (COV) of up to 4%. Such a range, which measures the variance between each combustion cycle, further proves that the Scuderi Cycle's combustion process is as consistent as that of a conventional Otto Cycle engine, which in many cases has a wider COV range. Testing of the naturally aspirated, one-litre gasoline unit at Southwest Research Institute in San Antonio, Texas, continues to exceed initial computer simulation expectations.

The current programme, which will map the engine from idle to 4,000rpm, measures how the engine operates under a variety of driving speeds up to full throttle. "While exploring engine speeds in the range of 1,000-3,250rpm,

we continue to see extremely successful and consistent combustion," commented Stephen Scuderi, VP for Scuderi Group. "We continue to be extremely pleased with the test results."

The Scuderi Engine employs a new and proven thermodynamic process known as the Scuderi Cycle, which the company says could prove to be the most significant advancement in internal combustion engines since the inception of the Otto Cycle over 130 years ago. The Scuderi Engine's design separates the four strokes of a conventional engine over two paired cylinders. One cylinder does intake/compression while the other cylinder takes care of power/exhaust. Using an innovative combustion process known as 'firing after top-dead centre', the Scuderi innovation boasts more power, higher efficiency, and lower emissions than a conventional gasoline engine.



STAND 3540



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INTERNATIONAL ENGINE OF THE YEAR AWARDS 2010

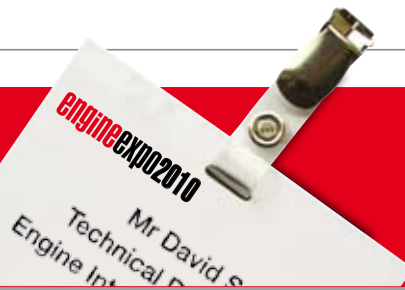


PAGE 3

FREE-TO-ATTEND OPEN TECHNOLOGY FORUM

Avoid the queues – register online to get your entry badge/pass by post!





AVOID THE QUEUES –
**REGISTER ONLINE TO GET YOUR
ENTRY BADGE/PASS BY POST!**

Complete solutions for diesel management

■ A key booth for powertrain engineers concerned with diesel development is that of **Pi Shurlok**. The UK-headquartered supplier plans to use Engine Expo 2010 to showcase the company's innovative OpenECU products, which provide a better way to create vehicle control systems – from prototypes through to volume production. The latest members of the OpenECU hardware family are the M250 ECU and the S070 slave driver for diesel-fuel injectors. On its own, the M250 is targeted at diesel-exhaust aftertreatment, but when coupled with the S070 the system becomes a complete solution for common-rail diesel-engine management.

The OpenECU concept created by Pi Shurlok engineers can reduce time and risk during all project phases, from concept to manufacture. The key elements of the concept are to provide proven hardware, software and service parts that have the flexibility to adapt to a wide range of applications, such as a family of standard ECU hardware that is available off the shelf.



STAND 3035

LUBRICATION BREAKTHROUGH

Engine Expo visitors looking for the latest inroads in the area of lubricants should visit the **International Products Corporation** booth. Exhibiting at the event for the first time, the US-headquartered company will have on display its P-80 range of temporary assembly lubricants, which are already used in a wide range of automotive applications wherever rubber or plastic parts are a tight fit. Such components as hoses, seals, o rings, bushings, gaskets and grommets can all benefit from use of the innovative P-80 technology. Such is the design of the lubricant that once assembly is complete, the lubricant dries and the part returns to its original condition. Furthermore, when dry P-80 lubricants will not become slippery again, even in the presence of moisture.

The appeal of the P-80 lubricants range from International Products Corporation is enhanced even more when taking into account that they do not contain silicone, alcohol or petroleum distillates. They are also safe for use on most natural and synthetic rubbers, metals, and plastics.

STAND 3505

GOODRIDGE GROWTH

STAND 3250

■ **Goodridge**, the UK global manufacturer of performance fluid transfer systems, will be heading to the Stuttgart Messe with real momentum after the company won a US\$10 million contract to supply parts to Cummins, the US-based engine and power-generation equipment maker.

The five-year deal represents a major diversification for Goodridge in the USA, where it is better known for providing brake lines to the off-road motorcycle industry. As part of the agreement, Goodridge will provide water-cooling hoses to Cummins' new Centaur diesel engine, and fuel-delivery hoses to the new Monarch Black diesel engine programme.

From next year, Goodridge will manufacture around 150,000 parts a year at its plant in Tijuana, Mexico,

where the company is investing US\$650,000 in new equipment and facilities to meet the Cummins order.

Discussing the contract, Jon Hourihan, group head of sales at Goodridge, said, "This represents a major breakthrough for Goodridge in the US market, and further proof of our ability to meet customers' exacting fluid-transfer needs. We'll be providing our pioneering hardline-and flexible-hose combinations for water and fuel applications, and there are further opportunities to bid on, including oil and turbo delivery systems on many future and current engines programmes."

Goodridge, which is headquartered in Exeter, UK, has annual sales of over US\$30 million and boasts eight manufacturing operations worldwide.

WHO TO MEET



Jon Whitehouse,
head of European
business development,
Pi Shurlok



Dieter Mokwa,
sales director,
SOGEFI Filter Division

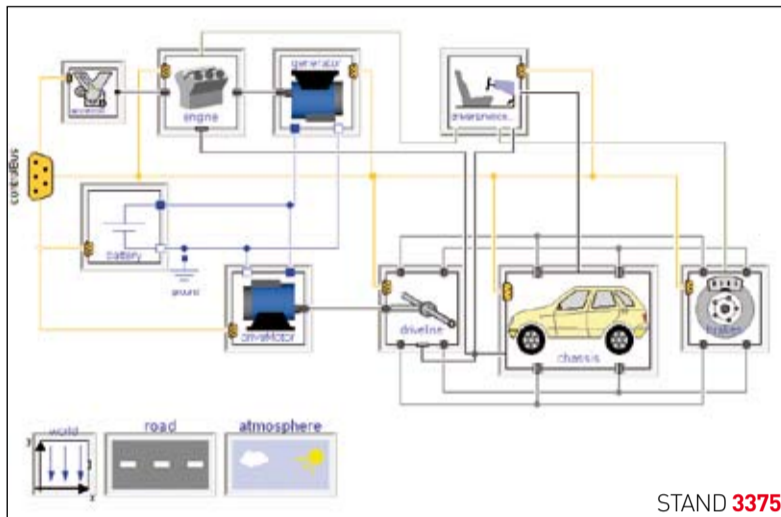
SOFTWARE SUCCESS

■ **WMG's** hybrid vehicles research team will be on hand to discuss the organisation's latest technical breakthroughs, which include the innovative WARPSTAR package that promises to help engineers during product development.

WARPSTAR, which stands for Warwick Powertrain Simulation Tool For Architectures, is an advanced modelling and simulation program that has been developed in MATLAB/Simulink and Dymola/Modelica languages for vehicle-simulation

studies. The versatile software platform enables automotive engineers to simulate real-world dynamic behaviour of components using validated component maps.

Engine Expo visitors should also ask WMG experts for details of the organisation's acclaimed Vehicle Energy Facility, one of the most advanced hybrid powertrain test facilities in the world for hybrid, electric and other alternative-fuel vehicle testing. The hardware of this facility includes two linked powertrain dynamometers of 570kW and 320kW; a 250kW battery cyler and simulator; gaseous and particulate measuring equipment; and the ability to run engines on biofuel blends. The R&D base also enables integrated testing of hybrid powertrain parts, and facilitates the development of robust hybrid supervisory control strategies. The base can be run as an integrated facility for powertrain testing or for individual component testing.



STAND 3375

Rolling road to opportunity

■ Aiming to promote Wales to the global powertrain community at Engine Expo 2010 is **International Business Wales (IBW)**, which is part of the Welsh Assembly government. The organisation is looking to use the world's leading powertrain event to find the right partners for established supply chains within the country, which include global OEMs, Tier 1 suppliers and growing technology companies with strengths in materials, electronics and engineering.

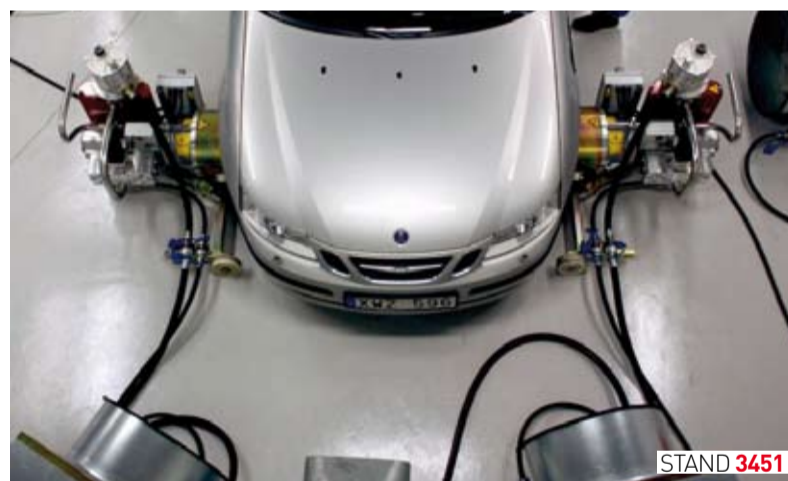
According to IBW, there are many benefits to investing in Wales, with the region enabling powertrain companies to develop products with capabilities covering the total product lifecycle, from concept and design through to test and manufacture. Car makers and suppliers can also take advantage of installed skills by employing staff from the country's experienced workforce.

Powertrain companies looking to establish a facility in Wales can also benefit from one of Europe's most

competitive funding packages to support business growth and develop new technologies such as alternative fuels and niche vehicles. In addition, Wales has a rich academic pool that companies can tap into.

In a recent development, the most advanced rolling road system of its kind in the UK was built in Wales,

and is now capable of testing pure electric, hybrid electric, as well as traditional IC engine components. The facility, based at the University of Glamorgan, helps form the Centre for Alternative Powertrain Engineering, an advanced R&D base dedicated to environmental and applied green performance technology.



STAND 3451

COOLING SYSTEMS

Advanced cooling systems will be the order of the day at the **Industrie Saleri** booth. Visitors to this year's Engine Expo event will be able to get their hands on a plethora of innovative mechanical water pumps, variable water pumps, electric water pumps and advanced flow-regulation systems.

Established in 1942, Industrie Saleri has helped lead the way in water pump development. In 1993 the Italy-based supplier became certified with ISO 9002; by 2002 it had gained ISO TS 16949 and OHSAS 18001 accreditation. Customers include BMW, Ford, Ferrari, Alfa Romeo, Peugeot and Renault, so be sure to speak to the Industrie Saleri experts if you're looking for new breakthroughs in cooling systems.

STAND 3340

INTERNATIONAL ENGINE OF THE YEAR AWARDS 2010

To find out who makes the greatest engines in the world, make sure you attend the International Engine of the Year Awards 2010 trophy presentation, which will take place live at 14.00hrs on 23 June 2010 at Engine Expo.

The awards, now in their 12th year, celebrate the very best of powertrain engineering, design and innovation by awarding 12 trophies, comprising eight capacity classes, as well as the Green Engine of the Year, Best New Engine and the Best Performance Engine categories. The winners of the eight capacity classes are then shortlisted, with one eventually becoming the International Engine of the Year for 2010. Will Volkswagen record back-to-back victories after winning the International Engine of the Year Award last year for the 1.4-litre TSI engine? Be sure to make a note in your diary and attend the International Engine of the Year Awards 2010 trophy presentation.



Going with the flow

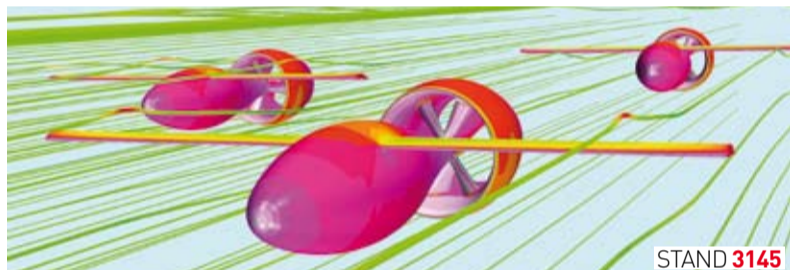
Engineers looking for one of the latest breakthroughs in simulation development technology should visit the **CD-adapco** booth at Engine Expo 2010 to find out more about the latest release of STAR-CCM+, which has evolved into an integrated platform for powerful multi-disciplinary engineering simulation. The technology now includes such aspects as combustion, multi-phase flow, heat transfer through solids and fluids and dynamic fluid-body interaction, all of which is from within a single environment. "STAR-CCM+ V5 introduces 3D-CAD, a fully parametric geometry modelling capability," explained Jean-Claude Ercolanelli, CD-adapco's vice president of product management.

"What we are talking about is nothing less than a paradigm shift: in three decades of commercial engineering simulation, practitioners have always had to worry about communication between the different tools that make up their simulation process. Not

anymore. STAR-CCM+ V5 provides the complete simulation workflow in a single powerful application."

According to Ercolanelli, the payoff is immense: using STAR-CCM+ V5, engineers can modify designs in response to engineering simulation data, either manually or in an automated manner, enabling them to explore the entire design space.

CD-adapco will also promote the imminent release of the Battery Simulation Module, which is embedded in STAR-CCM+. This module will provide a user with the ability to model flow, thermal and electrochemistry behaviour of batteries within one powerful, easy-to-use environment, providing engineering insight into battery installations. The code will link these three aspects to capture the close coupling that exists between a battery's performance and its external environment. CD-adapco personnel will be available to give detailed explanations and discuss project plans with interested parties.



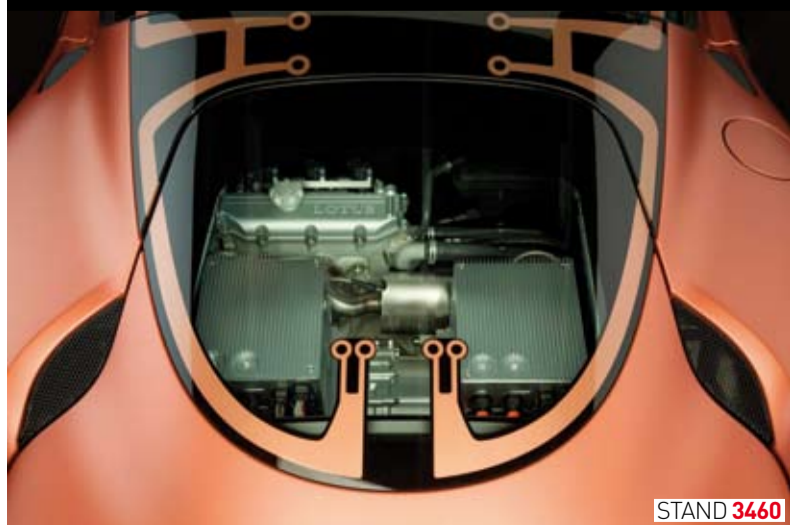
STAND 3145

AXIAL FLUX MOTORS

EVO Electric, a leader in the design, development and production of electric drive solutions for the automotive sector, will be at Engine Expo 2010 having made waves recently with its advanced, ultra-light Axial Flux motor/generator technology, which offers high levels of performance in terms of power, torque, weight, size, efficiency, reliability and durability. Tests have demonstrated industry-leading power densities of 5kW per kg (2.5kg/kW nominal), effectively surpassing the 2015 and 2020 performance targets set out by the US Department of Energy for traction motors. The technology also supplies very high peak torques, making it ideal for high-performance and commercial-vehicle applications.

EVO technology has been applied to a number of vehicle platforms. It was most recently featured in the Lotus Evora 414E Hybrid, unveiled at this year's Geneva Motor Show. The Lotus concept features two EVO drive motors, each providing 152kW (204bhp) of power and 400Nm of torque, and an innovative 35kW range-extender system with EVO's electric-generator technology, all of which helped Lotus optimise fuel economy and performance.

Michael Lampérth, EVO CTO, said the company's technology, though applicable to a wide range of hybrid and electric vehicles, is particularly appropriate for range extenders due to the very tight space and weight requirements of this application. He added, "The high power and torque density of EVO's Axial Flux motors and generators makes it easier to package and integrate range extenders into vehicles, and contributes to optimising fuel economy."



STAND 3460

FILTER TECHNOLOGY

Sogefi Filter Division, one of the leading manufacturers of automotive filters and filtration systems, will also be exhibiting at this year's Engine Expo event. For the past 50 years the company has been developing oil, fuel, engine air and cabin air filters for passenger cars, and light-duty and heavy-duty vehicles, with constant product and process innovations. For this year, Sogefi is presenting new products and technologies that aim to solve the main challenges of OEMs'

engineering teams – including such things as engine weight reduction, new fuels compatibility and post-treatment poisoning prevention.

Engine Expo 2010 visitors should speak to Sogefi about the company's Plastic Oil Module, which has been designed for downsized engines requiring light systems, high oil flow and low-flow restriction. Another introduction is Sogefi's Diesel3Tech technology, an innovative diesel-fuel filtration technology that has been

designed specifically for modern fuels.

One other new development from Sogefi that Engine Expo visitors should find interesting is the company's Coalescing Blow-By Separator, which has been developed for high oil-mist separation performances for GDI engine protection and diesel particulate filters hash-clogging limitation.



FREE-TO-ATTEND

OPEN TECHNOLOGY FORUM

Complementing Engine Expo's high level of technical content this year is a three-day, free-to-attend Open Technology Forum that will feature presentations on the latest technologies, concepts and breakthrough theories from many of the world's leading experts in powertrain design, development, manufacture, logistics and marketing. Day One of the Open Technology Forum will focus on engine and transmission development in the morning and engine downsizing in the afternoon, as well as advanced injection and turbocharger technology. Papers on Day Two of the Open Technology Forum will focus on sustainable transportation. The morning session will see papers discussing hybrid powertrains and asking what comes next. In the afternoon of Day Two there will be several key presentations discussing the challenges that remain for EV mobility. Finally, Day Three of the Open Technology Forum kicks off with three presentations on SCR and EGR. The programme then moves on to presentations focusing on alternative materials that can improve powertrain characteristics. The Open Technology Forum closes with two further presentations in the afternoon that discuss the key developments in coatings and lightweight materials.

DAY 1 TUESDAY 22 JUNE 2010

POWERTRAIN – ENGINE AND TRANSMISSION DEVELOPMENTS

ENGINE MANUFACTURING – DOWNSIZING AND OPTIMISATION

ADVANCED INJECTION AND TURBOCHARGER TECHNOLOGY

DAY 2 WEDNESDAY 23 JUNE 2010

HYBRID TECHNOLOGY – THE NEXT CHAPTER

ALL-ELECTRIC VEHICLES – CHALLENGES THAT REMAIN FOR EV MOBILITY

INTERNATIONAL ENGINE OF THE YEAR AWARDS

DAY 3 THURSDAY 24 JUNE 2010

SCR VS. EGR

ALTERNATIVE MATERIALS AND GRADES TO IMPROVE POWERTRAIN CHARACTERISTICS

KEY DEVELOPMENTS IN COATINGS AND LIGHTWEIGHT MATERIALS

Please note all presentations will be in English



FREE TO ATTEND!

USEFUL INFORMATION

THE VENUE

The new Stuttgart Messe is arguably one of the finest exhibition venues in Europe. This state-of-the-art facility has only recently opened for business but is already establishing itself as a favourite destination for exhibitors and visitors alike. Without doubt, one of its biggest attractions is its supremely convenient location adjacent to Stuttgart Airport, making it extremely accessible to international visitors. Furthermore there are two very well-appointed Mövenpick hotels within a three-minute walk of both the airport and the Messe.

OPENING TIMES

Tuesday 22 June **10.00hrs-17.00hrs**
 Wednesday 23 June **10.00hrs-17.00hrs**
 Thursday 24 June **10.00hrs-15.00hrs**

WEATHER

Average temperature
 14°C/52°F to 21°C/70°F

VENUE

Landesmesse
 Stuttgart GmbH,
 Messeplaza 1,
 70629 Stuttgart

Messe Stuttgart



HOTELS

There are various hotels that can be booked directly through the Stuttgart-Marketing GmbH website.

Contact information for Stuttgart's reservations centre:

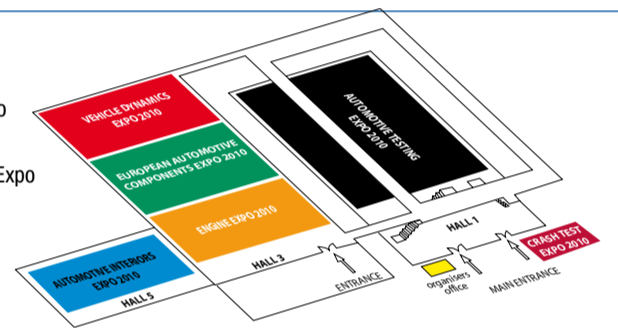
Phone: +49 711 22 28 233
 Fax: +49 711 22 28 251
 hotels@stuttgart-tourist.de
www.stuttgart-tourist.de

PRESS AREA

The press room is located in the main entrance opposite registration. Members of the press must register at the front desk for access to the press area and its facilities.

HALL OVERVIEW

- Hall 1 Automotive Testing Expo
- Hall 1 MAIN CONCOURSE Crash Test Expo
- Hall 3 Engine Expo
- Hall 3 European Automotive Components Expo
- Hall 3 Vehicle Dynamics Expo
- Hall 5 Automotive Interiors Expo



*COMBINED EXHIBITOR LIST 19 APRIL 2010

A & D Technology Inc / A.E.C Srl / ABB Automation GmbH / Accurate Technologies GmbH & Co KG / ACS / ACS / ACTech / adaptronic Prüftechnik GmbH / Add2 / Additive Soft- und Hardware für Technik und Wissenschaft GmbH / ads-tec GmbH / Advanced Composites Group Ltd / AE / Aeristech / AES GmbH / Aicon 3D Systems GmbH / AIM Arnold Intelligente Messsysteme GmbH & Co / AIN Global Foundation & Kotra / Aisin Europe / Alcohol Countermeasure Systems Corp / Alfa Klebstoffe AG / Al-Kor / Altran Technologies / AMET Srl / AMK Arnold Müller GmbH & Co KG / AMS GmbH / Angelantoni Industrie SpA / Anthony Best Dynamics / Antriebssysteme Faurndau GmbH / APEI / APLcom GmbH / Aries Ingenieria Y Sistemas / Arian Kriko ve Makina Sanayi Ticarct AS / Arjeplog Test Centre / Arvidsjaur Winter Test Gateway / ArvinMeritor LVS / ASAM eV / Associacao Brasileira de Fundicao - ABIFA / A-Tech Patryk Banasik / Ateliers des Janves / Atlas Material Testing Technology GmbH / Aumet Oy / Autforce - Automations GmbH / Auxin Group / AVL List GmbH / AVL SCHRICK GmbH / Axon Kabel GmbH / B.E.S.T Fluidsysteme GmbH / Balseal Engineering Europe BV / BASF Polyurethanes GmbH / Baumann Springs Ltd / BEP Europe NV / Berger Elektronik / Berghof Automationstechnik GmbH / Berndorf Band GmbH / Berner & Mattner Systemtechnik GmbH / Bertrand AG / BIA / Biolink GmbH / Bitrode Corporation / Blum-Novotest GmbH / Borough Ltd / Borsi GmbH & Co KG / Bostik BV / Bowman Power Group Ltd / Bruel & Kjaer Sound and Vibration Measurement AS / BS2 Multidata GmbH / Bucher Group / BWI Group / Caetec GmbH / Cambustion Ltd / Camera Di Comercio Di Torino / Capelem Groupe Simonin / Carana / CarSim / CCPIT Ningbo / Centro Estero per l'Internazionalizzazione s.c.p.a / Ceratizit Austria GmbH / Cetecom ICT Services GmbH / Cetiev / CFM Schiller GmbH / Cibas Srl / Cimos / Cissoids SA / CMV Hoven GmbH / Co. Mec. Srl / Cobraplast Srl / Cold Testing Lapland / Computational Dynamics Ltd / Continental AG / Control Techniques / Convertteam GmbH / Cosme SpA / Critt M2A / Cruden BV / CSI SpA / CSM GmbH / CST - Computer Simulation Technology AG / CTAG / CW Concept Consulting GmbH / CX-Gruppe GmbH / D2T GmbH / Daetwyler Rubber / Dakota Coatings / Danisi Engineering Srl / Dantec Dynamics GmbH / Dassault Systemes / Data Physics Corp / Dedo Weigert Film GmbH / deLight Interactive Solutions / Delphi Technical Center / Delta Fundidos / Deluma / Desmodrom / Dewetron / DHM Embedded Systems / DIFA / Discom GmbH / Domel / Dr. Hartmut Klose / Driverite Ltd / DSA Daten- und Systemtechnik GmbH / DSI-Delta Services Industriels / dSpace GmbH / DTA / DTS Inc / Dürr Assembly Products GmbH / dvb Design and Engineering / Dyna-Mess Prüfsysteme GmbH / Dynamic Assembly Machines Anlagenbau GmbH / Dynamotive Ltd / Eagle Ottawa / Eberspächer Electronics GmbH & Co KG / ECS-Creatique / Ecseri Aluminium Öntöde Kft / EDAG GmbH & Co KGaA / EFS SA / Elektrotit Austria GmbH / Elvez / EMCCons Dr Rasek GmbH & Co KG / emotive GmbH / Encopim Srl / EnginSoft GmbH / EQUIP-TEST Ltd / Ergotech Srl / Estar Creatique Systeme GmbH - ECS / ETAS GmbH / Europass Srl / EVO Electric Ltd / Fabreka GmbH Deutschland / Faist Anlagenbau GmbH / FAKT GmbH / Falcon - Falkner Consulting für Messtechnologie GmbH / F-Diesel Power Co Ltd / FEV Motorentechnik GmbH / FGB: Fertigungsgerätebau Adolf Steinbach GmbH & Co KG / Filc dd / Filtrauto-Sogefi Filter Division / Finnish Electric Vehicle Technologies Ltd / Fischer Connectors GmbH / FKA / FKK Guneu Oto Lastik Takoz SanTic AS / Floquet Monopole Group (SMFN & FMI) / Fluidicon / Fogtec Brandschutz GmbH / Fomet SpA / Shell Casting Srl / Fonderie 2A SpA / Forum8 / From Concept to Car / From Concept To Car / FronTone KG / Froude Hofmann / Frum / FTSS Europe / Fulling & Ceiec Co Ltd / Fundigex (Grupo AGEX) / G.i.N Gesellschaft für industrielle Netzwerke mbH / G.S.A. Srl / G.W.Lisk Company Inc / G+H Isolierung GmbH / G-1 / Gantner Instruments GmbH / Gaugler & Lutz oHG / Gebrüder Ahle GmbH / GeneSys Elektronik GmbH / Gentech International Ltd / Giant Lion Know-How Co Ltd / Gigatronik Unternehmensgruppe / GIM / GIZ ACS / GOM mbH / Goodridge Ltd / Göpel electronic GmbH / Goudsmit Magnetic Supplies BV / GTM Gassmann Testing and Metrology GmbH / GYATK RVCR Apparatus Pvt Ltd / hard&soft GmbH / Haussmann Industrieelektronik / Heart of England - The West Midlands / Henkel AG & KG aA / Herbert Hänchen GmbH & Co KG / Hidria / High Speed Vision GmbH / High Tech Coatings GmbH / Hitchiner France / Hi-Tec Srl / HKO Isolier und Textiltechnik GmbH / HOCK Sachsen GmbH / Hoerbigler Elektronik GmbH / Honeywell Sensing and Control / Horiba Europe GmbH / Hottinger Baldwin Messtechnik GmbH / Huber Automotive AG / Hueber Getriebbau GmbH / I+ME Actia Informatik und Mikro-Elektronik GmbH / IABG mbH / IAG mbH / IAMT GmbH / IBIS GmbH Schwingungsmessung - Vibration Analysis / IBS Getriebe Schaltroboter / Icore International Ltd / ICT Software Engineering / IDEPA - Industria de asamanarias, Lda / Idiada / Ifplast Automobile / Iigus GmbH / IHS Global Insight / Ilmor Engineering Ltd / IMA Materialforschung und Anwendungstechnik GmbH / Image Systems AB / imc Meßsysteme GmbH / Imtech Deutschland GmbH & Co KG / Imtron GmbH & Co KG / In2Soft GmbH / Industrie Saleri Italo SpA / Inova GmbH / Instron Structural Testing Systems GmbH, Germany / Integral Hydraulik / Intercontec Produkt GmbH / Interface Inc / Interface Solutions Inc / International Business Wales / International Products Corporation / Intrepid Control Systems Inc / Ipetronik GmbH & Co KG / Iranian Pavilion / Iranian Pavilion, Behineh Sabz Company / Iskra Avtoelektrika / Iskra ISD / ISTECH GmbH / IT Designers GmbH / Italcoppie Sensori Srl / ITD Hungary Zrt / ixetic GmbH / Ixat Automation GmbH / Jaeger Computergesteuerte Messtechnik GmbH / Jaegg GmbH / JAPTI / Jeanwoo / Jiangxi Jiangling Motors Import & Export Co Ltd / Jinzhou Dongwoo Precision Co Ltd / Jinzhou Halla Electrical Equipment Co Ltd / Johannes Grau Schnittmodelle / JRC - Reflex / Kapolnek GmbH / Ketek International Ltd / Key Plastics / Kinrom Industries / Kirpart AS / Kistler Instrumente GmbH / Klaric GmbH & Co KG / KMT - Kraus Messtechnik & Telemetrie / KNR Systems Inc / Kolektor Group / Kral AG / Kratzer Automation AG / Kriwan Testzentrum GmbH & Co KG / KST Motorenversuch & Co KG / Kubrich Ingenieurgesellschaft mbH & Co KG / Kulite Europe Ltd / Labcell Ltd / Land and Sea Inc / Laspar Kaucuk Yedek Parca San Tic Ltd Sti / Lauda Dr. R Wobser GmbH & Co KG / LaVision GmbH / Lear Corporation / Lineas Automotive Group / Lithium Balance AS / LMS International / LMS International NV / Logica Deutschland GmbH & Co KG / LTG Akteingesellschaft / Lumins Systems Corp / Lupatech SA / m+p international / M3H2 Industrial / Magna Steyr Fahrzeugtechnik AG & Co KG / Magneti Marelli SpA / Magtrol SA / Maha AIP GmbH & Co KG / MAJOSZ / Mankiewicz Gebr. & Co (GmbH & Co KG) / Manner Sensortelemetrie GmbH / MAPE SpA / Marzocchi Pompe SpA / Maximator GmbH / Mbtech Group GmbH & Co KGaA / Measurement Technology Laboratories / measX GmbH & Co KG / Mecaprom / Mechanical Simulation / Mechanical Simulation / Meggitt Sensing Systems - Measurement Group / Memmert GmbH & Co KG / Mercedes-Benz Cars / Michelin Engineering & Services / MicroNova AG / mikes-testingpartners gmbh / Mitronic P. Miller GmbH / mm-lab GmbH / Moog / Moroccan Centre for Export Promotion / MPE Srl / MS4 - Analysentechnik GmbH / MTS Systems Corp / Müller-BBM Vibro Akustik Systeme GmbH / NAC Deutschland GmbH / Nagel Maschinen und Werkzeugfabrik GmbH / Nardo Technical Center Srl, Prototipo Group / National Instruments / NEKS Sp. z.o.o. / Neuteq Europe Ltd / Nico Fahrzeugteile GmbH / Ningbo DongMai International Trade Co Ltd / Ningbo Hengshuai Micromotor Co, Ltd / Ningbo IKD Auto Products Co Ltd / Ningbo Shijie New Energy Science & Technology Co Ltd / Ningbo V-Shine International Trading Co, Ltd / Ningbo Wonh Industries Co Ltd / NU Inc / Nuvofabric PTE Ltd / Nye Lubricants / Oelhydraulik Hagenbuch AG / Officine Meccaniche Cresto Srl / Officine Meccaniche di Ponte Nossa Srl / Optel-Thevon / Oshino Lamps GmbH / O-Stain Precision Casting Co / Oxford Technical Solutions / Panasonic Marketing Europe GmbH / Paulstra / PCB Europe GmbH / Synotech GmbH / PCO AG / Peak Solution GmbH / Peak Werkstoff GmbH / Photron (Europe) Ltd / Pi Shurlok Ltd / Pickering Interfaces GmbH / PikeTec GmbH / Plast Met Plastik Metal San Imalat VF Tic AS / Polytec GmbH / PSTproducts GmbH / PTR Präzisionstechnik GmbH / Quintest Elektronik GmbH / R.E.T Reiff Elastomertechnik GmbH / R.G.Ray Corporation / Racelogic / Recaro GmbH & Co KG / Reckmann GmbH / red-ant / Reich Kupplungen / Reilhofer KG / Remy International Inc / Renk Test System GmbH / Reutlingen University / RMS Dynamic Test Systems / Reflex International / Rototest AB / Rotronics / Rücker GmbH / Rudiger OTT Software und Service GmbH / S.E.A. / SAB Brockskes GmbH & Co KG / Saint Gobain Performance Plastics / Salvadori Spinotti Srl / SAMTEC Automotive Software & Electronics GmbH / Samtech / Sane Mechanic Industrial Co Ltd / Sapaic Industries / SBI Schreiber, Brand u. 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