



MOTORSPORT VISITS JLR

Exhibitor List

GAYDON DESIGN STUDIO

THURSDAY 10 MAY 2012

9.30 – 15.30

Organised by



www.the-mia.com

BRITAIN'S MOTORSPORT INDUSTRY THE BUSINESS OF WINNING



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The global
business
network for
motorsport

Partners of the Motorsport to Automotive Initiative

 <p>Anthony Blackwell - Business Development Executive</p> <p>Jon Whitehouse - Technical Sales Manager</p> <p>Chris Willoughby - Programme Manager</p> <p>www.cosworth.com</p>	<p>Cosworth provides a comprehensive automotive powertrain and electronics solution, from concept design and hardware prototypes through to complete vehicle integration and Tier 1 supply.</p> <p>With a focus on efficiency improvement and emissions reduction, Cosworth utilises its vast experience of high performance powertrain innovation to implement advanced technologies within a compressed timescale.</p>
 <p>Tony Street - Account Manager Jason Coles - Consultant Paul Branton - Managing Consultant</p> <p>www.jonlee.co.uk</p>	<p>With offices in Wakefield, Leicester, Stourbridge, St. Albans and Basildon supported by overseas recruitment partners Jonathan Lee Recruitment has been providing a specialist recruitment service to the international engineering and manufacturing industries for 33 years.</p> <p>This now covers contract and permanent roles up to senior management level in engineering, manufacturing, purchasing and supply chain and finance and to director level through our executive search arm Factura.</p>
 <p>Nevil Hall - Joint Managing Director Steve Woollven - Sales and Marketing Director Martyn Mann - Technical Director</p> <p>www.millersoils.co.uk</p>	<p>Millers Oils - innovator of automotive and industrial low-friction lubricants and fuel additives.</p> <p>Innovation and transfer of lubricant technology between markets drives development. A new Research and Development Centre allows the development of formulations to solve technical challenges.</p> <p>Low friction oil technology developed by Millers Oils allows "machines" to run more efficiently, reducing emissions and operating costs.</p>
 <p>Ross Brumwell - Senior Business Manager James Setter - Business Manager Robin Price - Business Development Manager Martin Halley - Chief Engineer Clive Woolmer - General Manager</p> <p>www.xtrac.com</p>	<p>Xtrac is the world leader in the design and manufacture of gearboxes, differentials and driveline in F1, IndyCar, Touring Car, Rallying, GRAND-AM and Endurance Sportscar races. Employing 270 staff, Xtrac has built on its motorsport successes by securing projects in the aerospace, automotive, military, hybrid vehicle and marine industries.</p>

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Roy Cotterill - Sales Manager

Andrew Wellings – Managing Director

www.birchillsautomotive.com

We are a leading manufacturer of Sports and Performance Exhausts / Silencers, supplying the OEM, Motorsport, Motorcycles Industry, Off Road Vehicles. We have produced acoustically designed exhaust products to suit our customer's requirements, making improvements to the current performance and noise levels / sounds.

We supply British & other European companies with high performance exhausts / silencers that are specially manufactured with materials which can withstand high temperatures of 500 °C, 900 °C+, up to 1200 °C and are used for road / race purposes all over the world.

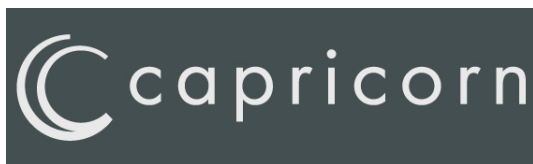
We also, together with our partners, supply 'Electric Charging Posts' for the Electric Car and Alternative energy industries.



Joe Ellis – Managing Director

www.btbexhausts.co.uk

BTB Exhausts core skills include, computer controlled mandrel tube bending, fabrication and welding of all types of metal including nickel, titanium, stainless and aluminium alloys. One off or short batch work is a speciality. BTB also provides it's fabrication expertise to automotive companies that develop prototype and/or niche vehicles.



Bob Burggy - Sales Manager

Martin Keswick – Managing Director

www.capricornauto.co.uk

Capricorn AUTOMOTIVE is a privately owned group of companies based across Europe in the UK, Germany, France and Italy focused on the manufacture of high precision internal engine components for the Motorsport and Automotive industries.

The company's roots are renowned in the high performance market established for 20 years for the design and manufacture of technical rotating assembly components.

Re-focus of our future strategy and diversification of our core competencies has seen niche performance series component manufacture added to our portfolio.

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Dave Bridgeman – Sales and Marketing Director

Derek Chambers – Managing Director

www.cleevetech.com

Cleeve Technology stock a wide range of products such as wire and cable, connectors, contacts, backshells, heat shrinkable tubing and moulded parts that are used extensively in Automotive, Industrial, Telecommunications, Marine, Military and Aerospace markets.

Our manufacturing capability allows us to support the integration and supply of electrical interconnect components and assemblies to meet customer and programme requirements.



Franco Cevolini – CEO & Technical Director

Jeff Sinteff – Key Account Manager

www.crptechnology.com www.windform.eu

From the experience of more than 40 years in the world of F1 working with top international teams, CRP Group, with its six companies, has great know-how in innovative technologies. In particular CRP Technology is specialized in Additive Manufacturing with SLS technology and Windform materials and CRP Meccanica in high performing CNC machining.



Nick Langley- Sales & Marketing

Enrico Giuliani - Programme Manager

www.dallara.it

Dallara has a reputation for engineering excellence in the Racing and Automotive markets and has invested in developing three strategic core competences:

- Lightweight Design, particularly with regard to the use of Carbon Fibre materials.
- Aerodynamics (experimental and numerical) applied to the entire vehicle design & development
- Vehicle dynamics

Our expertise and success has attracted clients such as VW, AUDI, BUGATTI, LAMBORGHINI, FIAT, ALFA ROMEO, MASERATI, KTM, plus contracts to supply racing cars to: IndyCar, Indy Lights, GP2, WSR, GP3, F3, Grand Am and the ADAC. Constantly up-graded 'state of the art' facilities, including a 60% wind tunnel, a next generation simulator and wealth of experience enable the rapid turn-around of results and solutions and the flexibility to tackle specific areas or complete projects from car design to manufacture.

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Steve Creron - UK General Manager

Peter Dickin – Marketing Manager

www.delcam.com

Delcam is the world's largest specialist supplier of computer-aided machining software and services. The company's software is used in the design and manufacture of components for most new vehicles introduced by all the leading automotive manufacturers. Delcam software helps companies to maximise efficiency, shorten lead times and improve quality.



David Bates – Commercial Marketing Director

David Brown – Business Development Director

www.dynamotive.co.uk

Dynamotive is a high performance engineering company focused on the supply, upgrade and life time support of Chassis, Engine, Transmission and Component test stands for the automotive and associated industries. Operating on a global basis, applications include: NVH; Climatic; Emissions; EMC; Performance / Powertrain Durability; Brake/Inertia, Calorimeter and Exhaust Flow test stands.



Andrew Tagg - Regional Manager, UK

Lee Cook - Account Manager

www.faro.com

FARO develops and manufactures portable systems for the measurement and 3D documentation. FARO products permit rapid and highly precise 3D measurement for inspection, quality control, alignment, surface modeling, and documentation needs. FARO's solutions are ideal for numerous applications in manufacturing, automotive and aerospace. FARO currently has more than 26,000 installations and 13,000 customers globally.



Chris Gregory – Managing Director

www.gstracing.co.uk

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As a leader in the field of Oil Seal technology, GST Racing Seals builds on >30 years' experience in Applications Engineering of Automotive seals, & 20 years involvement in Motorsports at all levels. Having lead some of the major seal technology developments for Motorsports, we confidently assist our customers in maximising their racing performance & improving reliability. Custom-designed for every application, our innovative "engineered" sealing products provide leading-edge solutions to meet ever-increasing application demands.

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Keltie

Dr Derek Holmes – Senior Associate

www.keltie.com

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Keltie is a firm of UK and European patent and trade mark attorneys based in central London. We represent clients to identify, establish, protect, exploit and enforce their intellectual property rights globally. Our patent expertise covers a range of technologies including automotive and electromechanical engineering.



Marc Healey – Sales Engineer

Craig Townsend – Production Engineer

www.lestercast.co.uk

Lestercast is a leading UK investment caster producing bespoke components, in a range of metals and alloys, for numerous industrial and commercial applications, supplying to both UK and international markets, and including several high profile and prestigious automotive brands. The company holds ISO 9001:2000 and ISO/TS 16949:2002 accreditations, and has extensive experience in rapid prototyping technology.

MOOG

Jerry Hughes – Consultant

Paul Garner - Senior Sales and Application Engineer

www.moog.com/test

Moog designs and manufactures high performance motion control solutions combining electric, hydraulic, and hybrid technologies with expert consultative support in a range of applications including simulation and test equipment. We help performance-driven automotive manufacturers, aerospace manufacturers, testing labs and global automotive racing teams to design and develop their next-generation equipment.

Moog will be displaying one of their electrical actuators controlled with their new single channel Modular Test Controller and Integrated Test Suite.



David Dupont – Director

www.performancefriction.com

Performance Friction design and manufacture championship winning brake pads, brake discs, brake calipers and brake kits for every form of Motorsport and for High Performance vehicles from motorcycles to trucks from their base in South Carolina. Manufacturers of Carbon Metallic and Z Rated brake pads. Performance Friction Europe are based in Banbury.

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Mickey Lawrence – Sales Engineer

www.phasevision.com

Our products provide accurate measurement data which is used in a wide range of industries. The 3D measurement systems use a non-contact structured lighting technique and uniquely can measure large objects and 360° measurement of complex objects at production line speeds.

We work with companies who have had issues with inspecting complex shapes quickly and also need to reverse engineer and compare to CAD.



Colin Palin - Technical Sales Director
Patrick Walker - Technical Director

www.ptiltd.co.uk

Precision Technologies International's (P.T.I.) design & manufacturing portfolio consists of spline gauges, master gears, also the manufacture of automotive tooling, components for R&D, Automotive, Aerospace and Motorsport. (Engine & transmission components)

P.T.I has a long history in precision engineering, producing components to exacting tolerances that helps their customers maintain their competitive edge.



Dave Marsh - Managing Director

www.qtservices.co.uk www.qtwildcat.co.uk



Qt Services is a well-established company in the off road market, manufacturing a range of specialist off road products including the world renowned Wildcat. With model variants ranging from the street version to full raid winning specification, the Wildcat will deliver the experience you want with an outstanding blend of performance and reliability.

The Wildcat

(full technical specification available on the day)
Rugged, fast, reliable. Altogether a most versatile offroad package, with a range of powertrain, suspension, chassis and instrumentation options available to suit all competitive tastes.



RAPITYPES® LIMITED

Bruce Renfrew - Managing Director
Andrew Mitchell - Business Development Director

www.rapitypes.com

Rapitypes is a highly resourced new product development company offering multidisciplinary support to the automotive and aerospace sectors. The company provides a wide spectrum of supporting activities including engineering design, prototyping, tool-making and low-volume production of component parts in RIM PU, non-ferrous metals and engineering polymers.

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RENUDA



Brian Angel - Director of Renuda France

www.renuda.com

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Renuda specialises in the use and development of commercial and open source CFD software for product analysis and development. Renuda works with its blue chip clients simulating and analysing external and internal flows, reactive flows and flows for thermal comfort, helping them to improve the performance of their products.



George Lendrum – Managing Director

www.rmlmallock.co.uk



RML design and make championship winning race and rally cars, for manufacturers and private teams. We run top teams in GT, rallying and in touring cars as manufacturer programmes, or with commercial sponsors. We also carry out test and prototype work for the automotive industry, and produce concept and show cars.

The Juke-R

(full technical specification available on the day)

Engine Layout - 3.8L Twin Turbocharged
Longitudinal V6
Maximum Power - 484.6 PS (478 bhp)
(356.4 kW) @6400 rpm
Maximum Torque - 588 Nm (434 ft-lb) (60 kgm)
at 3200-5200 rpm
0 - 60 mph - Sub 4 Seconds, Top Speed 167mph



Paul Czorny - Sales Development

www.smithshp.com

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Smiths High Performance- the leading international stockholder and supplier of special steels, nickel alloys, high strength alloys, commercial non-ferrous metals and engineering plastics.

Select your materials from an extensive ex stock range that meet your needs for technically advanced application requirements.

Repeatable, high performance is our objective in everything we do.



Alan Rock - Managing Director
Adrian Weeks - Technical Sales Engineer

www.stackltd.com

Stack is a world leading manufacturer of instrumentation, data and video logging systems, and wireless sensors for motorsport and many other harsh environments including automotive test, defence and aerospace markets. Our products are used worldwide, extensively on vehicles where the highest levels of accuracy, reliability, and product quality are demanded.

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STÄUBLI

Peter Broomhall - Automotive Key Account Manager

Anthony Bird – Key Account Manager for Motorsport

www.staubli.com

Stäubli Connectors Division, part of the worldwide Stäubli group, are specialists in quick release connection solutions.

Exhibited on their stand are typical automotive applications:

- Quick release connections for all services on engine test beds
- Multi coupling plates for presses and moulding machines; eliminating cross connection and speeding up mould/tool changes
- Tool changers for robot arms in manufacturing cells and final assembly; improving productivity and robot utilisation.

ThyssenKrupp



Caroline Fishlock – Business Development Manager

Simon Bowen - National Product Manager - Aluminium

www.thyssenkruppmaterials.co.uk

As part of the multinational ThyssenKrupp Group, ThyssenKrupp Motorsport is a key supplier of materials and added value services to the automotive and motorsport sectors across Europe, Asia and the Americas. Offering international, national and regional supply chain services, through our extensive local distribution network.



MOTORSPORT & AUTOMOTIVE ENGINEERING

Oz Timms – Managing Director

Zoe Timbrell - Sales & Marketing Manager

Duncan Morris

www.titan.uk.net

Titan specialises in the design, development and production of suspension, steering and engine components to the Motorsport and Automotive Industries. Working with prestigious performance vehicle manufacturers, Titan has enabled development of parts using new materials and processes, as well as taking early concept and consulting to achieve production ready designs.

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John Tyrrell - Sales Manager

Graham Pattison – UK Sales Director

www.variohm.com

www.lxthus.co.uk

Sensors and transducers for control, measurement and data logging to monitor position, pressure, temperature, force and torque. Standard proven products for R&D testing, custom designs for OEM applications all offering reliability, compact design and lightweight construction. With over 38 years' experience we can offer full technical support for design, installation and calibration.



WILLIAMS F1

Kirsty Andrew – Business Development Executive

www.williamsf1.com



Williams F1 is a world leading racing team and innovation powerhouse that adapts its cutting edge technology for other applications. This includes the development of hybrid flywheel technology to improve energy efficiency and the commercialisation of driver simulator technology to improve road safety.

The Williams F1 Team FW34

(full technical specification available on the day)

Chassis construction - Monocoque construction Laminated from carbon epoxy and honeycomb composite structure, surpassing FIA impact and strength requirements

Front suspension - Carbon fibre double wishbone arrangement, with composite toelink and pushrod activated springs and anti-roll bar

Rear suspension - Double wishbone and pullrod activated springs and anti-roll bar



Adrian Young – Manager

Chris Jennings - Test Engineer

www.youngcalibration.co.uk

Provides specialist automotive calibration services for testbeds, rolling roads, climatic chambers and associated instrumentation. UKAS ISO 17025 accredited for gasflow, fluid flow, air velocity, pressure, electrical and temperature simulation.

Experience with engine blow-by meters, AVL smoke meters, fuel flow, cylinder pressure, air intake flow, coolant and oil flow meters, torque and speed instrumentation. On-site services available.

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