Festival of Speed presented by Mastercard announces exhibitors for its 2026 FOS Future Lab presented by Randox

- FOS Future Lab presented by Randox to display next-gen robotics, quantum computing, AI, marine and space technology at the Festival of Speed presented by Mastercard.
- Exhibitors include the European Space Agency, the National Quantum Computing Centre, Pulsar Fusion, DEEP, Touchlab and Factum Foundation.
- Tim Peake CMG returns as Future Lab Ambassador.
- Festival of Speed takes place on Thursday 9 - Sunday 12 July.
- Limited Thursday tickets remain at goodwood.com.

The Goodwood Festival of Speed presented by Mastercard today unveils the line-up for FOS Future Lab presented by Randox.

Located at the heart of the event, the frontier science and technology exhibition curated by Lucy Johnston, showcases technology for a better world, presenting the future of health, robotics, AI, quantum computing, space travel, underwater habitation and leading-edge digital innovation.

Over 90,000 visitors are expected to visit FOS Future Lab at Festival of Speed across the weekend (Thursday 9 - Sunday 12 July). Bringing together pioneering engineers, scientists and breakthrough technologies, the 2026 interactive exhibition will allow visitors to control a robotic hand with human-like sensitivity, explore cutting-edge facsimiles of archaeological and cultural treasures, see how the human brain responds to emotive stimuli and experience how health intelligence platforms are helping to predict future disease risk – as well as discover how this year's spotlit innovations will shape industries, society and the planet.

Alongside showcasing the latest technology, the festival's STEM Programme will welcome over 1,000 students from around the UK, giving young people the opportunity to meet leading figures from the science and technology sector and experience the FOS Future Lab exhibits for themselves.

FOS Future Lab's Curator Lucy Johnston said: *"Future Lab is a one-of-a-kind, exciting platform which brings visitors and school students together with the brilliant innovators, scientists, and organisations who are forging a better future for everyone – all under one roof. Over an action-packed four days, the show offers a vibrant, immersive experience where bold ideas and cutting-edge applications are explored, tested and accelerated, connecting brilliant people and supporting technology for a better world."*

FOS Future Lab Ambassador Tim Peake said: *"FOS Future Lab continues to inspire the next generation by bringing visitors and students face-to-face with the latest in science and technology. We're showing young people that the future isn't something to imagine, it's something they can build. I'm excited to return this year, and look forward to the incredible exhibits on display."*

As the Festival of Speed continues to champion the future of mobility – bringing together some of the world's most compelling innovations and world debuts – FOS Future Lab's hive of creativity, ingenuity

and technical achievement offers hands-on experiences that inspire visitors to explore the worlds of technology and science across four different curated themes each year.

2026 FOS Future Lab themes:

- Unseen Worlds - digital innovations enabling us to detect, visualise, and understand the previously invisible world around us.
- Intelligent Systems - exploring the multifaceted fields of robotics, machine learning, AI, autonomy, and automation.
- New Frontiers - scientific and engineering developments are facilitating humanity to reach new realms of exploration.
- Extending Reality - advanced interactions and enhanced sensory experiences that extend perception of the world around us.

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2026 FOS Future Lab Exhibitors

What if you could see potential health risks before they become health problems? At Future Lab, Randox will present RanChip Insight 360, an advanced health intelligence platform powered by patented Biochip Technology. By analysing hundreds of biomarkers simultaneously and combining them with predictive health modelling, the platform provides a unique view of future health risk across more than 150 conditions. Through interactive displays and dynamic health risk visualisations, visitors will experience how next-generation diagnostics are helping to shape a future where healthcare is proactive rather than reactive.

UNSEEN WORLDS

IBM joins the Unseen Worlds theme at this year's FOS Future Lab, showcasing their Quantum Chandelier to give a window into one of the most profound unseen worlds in modern science. The striking layered, gold structure is a powerful visual and experiential representation of how quantum computing is coming out of the lab into people's lives and even into motorsport. The iconic dilution refrigerator at the heart of IBM's System One quantum computer sits at the centre of the Quantum Zone alongside NQCC and Quantum Solutions.

The quantum zone introduces visitors to the National Quantum Computing Centre (NQCC), which is accelerating the development and adoption of quantum computing, to help the UK develop practical quantum computing capabilities and grow a quantum-ready workforce. Its vision is to enable the solving of some of the most complex problems facing society by harnessing the potential of quantum computers, and translate scientific breakthroughs into practical applications. The NQCC team and university partners will staff hands-on experiments and challenges to explain different aspects of quantum capabilities and the future potential of the quantum realm.

Featured alongside NQCC is a dynamic artwork, Quantum Jungle, by Berlin-based artist Robin Baumgarten; a vibrant, interactive light installation inspired by the strange beauty of quantum physics. A compelling hands-on experience, particularly for younger audiences, the system calculates Schrödinger's

Equation to model the movement of a quantum particle, and demonstrates concepts such as superposition, interference, wave-particle duality, and quantum waveform collapse.

Additionally in the quantum zone is Quantum Solutions: based in Oxford, they develop and manufacture quantum dot imaging systems that make the invisible visible. These advanced sensors and materials reveal visual data in the world around us otherwise invisible to the human eye. By integrating these into compact, lightweight cameras aboard drones, Quantum Solutions has moved satellite-grade sensing from the lab to the field. "Visitors will get hands-on with the technology and be able to explore detailed aerial imagery across agriculture and environmental applications, including a unique look at the Eden Project.

Factum Foundation for Digital Technology in Preservation is a non-profit organisation dedicated to documenting and preserving cultural heritage through the application of advanced digitisation and fabrication techniques; creating highly-detailed digital and physical facsimiles which enable cultural treasures to be viewed and 'handled' in new ways. Visitors can watch two different systems record the surface of drawings and paintings, marvel at full-scale bosses from the Divinity School ceiling at the Bodleian Library, Oxford, uncover a hidden 16th century portrait of a 'hairy girl 'celebrated across Europe, and discover the exceptional story of the Greek tombs of Ipogeo dei Cristallini in Naples.

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INTELLIGENT SYSTEMS

Formula E

As a partner of FOS Future Lab 2026, Formula E unveils the all-new GEN4 race car – the fastest in the series' history marking a reinvention of electric motorsport and how intelligent systems have continuously transformed performance on track. Visitors can experience that intelligence first-hand on the Formula E sim rig, powered by the Formula E Driver Agent AI performance tool. Developed in partnership with Formula E and built on Google Cloud's Vertex AI and Gemini, it helps drivers analyse racing data, cut lap times and optimise energy management, delivering actionable insights for both professional and developing drivers alike.

ABB FIA Formula E is the world's first all-electric FIA World Championship known as the next evolution of motorsport, Formula E operates as a high-speed 'living laboratory' where innovation and adrenaline collide.

The Championship has achieved the milestone of 150 races, and serves as a vital test bed for the world's leading automotive manufacturers - including Porsche, Jaguar, Nissan, Stellantis, Mahindra and Lola-Yamaha - to innovate and refine the electric vehicle (EV) technologies that will define future urban mobility.

OLO Robotics is on a mission to democratise robotics by removing technical barriers to adoption. Human-machine collaboration has huge potential to support a range of tasks, but robots are notoriously challenging to set up. OLO is developing AI-supported software tools to simplify programming for any robotic device – converting natural language commands into code – allowing businesses and developers to integrate robotic systems without complex setup. Experience real-time control of quadruped robots and rovers, without the need for coding, with an agility circuit where Future Lab visitors can put the robots through their paces.

Enchanted Tools from Paris is developing a new generation of social assistive robots designed to be both practical and loveable. Their work blends advanced engineering and human-centred interaction to transform how society perceives and uses robots in everyday life. Their flagship robots, the Mirokaï, are delightful, expressive, AI-powered and ready to work amongst people in real-world environments to improve patient, resident and customer experiences. Meet the Mirokaï as they roam the show floor, alongside a staged 'homeworld 'environment revealing their narrative and character development.

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NEW FRONTIERS

Return to the Moon: In April 2026, NASA's Artemis II mission carried four astronauts around the Moon, paving the way for returning humans to the lunar surface longer-term. Why are we going back, what is it like to be an astronaut, what can the Moon teach us, and what will we do when we get there? In this special curated lunar zone visitors can explore an interactive 3D animation of the Artemis II mission with Dark Star Labs, experience a journey inside a spacecraft capsule with the European Space Agency (ESA), recreate the formation of the Moon with Dr Will Roper (University of Sussex) deploying a NASA Ames Research Center/Durham University supercomputer simulation from Dr Jacob Kegerreis, and inspect lunar regolith simulants with ESA's Vulcan Facility. While younger audiences can try their hand at teleoperating robots on the lunar surface with Creative Hut, and explore how collaborating with robots on the Moon will enable humans to research unknown terrain, build infrastructure, mine resources, and conduct science before human crews arrive.

Pulsar Fusion is a pioneering UK aerospace company, developing transformative propulsion technologies for space. In March 2026, they achieved the first ever plasma ignition inside a nuclear fusion rocket engine, marking a major milestone towards a new era of interplanetary travel. Unlike on Earth, fusion energy is an efficient solution in space due to operating in a vacuum. At Future Lab they will introduce the Sunbird, a 'space tug 'propelled by fusion engines, which would attach to a spacecraft and be able to transport it to Mars in 12-14 weeks instead of the current travel duration of approximately 22 months.

And from deep space to deep ocean, DEEP is transforming ocean exploration by enabling humans to live and work underwater for extended periods. Through advanced subsea habitats, they aim to expand access to ocean environments and support continuous scientific research beyond the limits of short surface-diving missions. In Future Lab they will present the story of Vanguard, their first habitat, due to be installed off the Florida coast in summer 2026, and introduce visitors to the physics of a moon pool – the entry and exit system.

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EXTENDING REALITY

Sony Europe has been shaping the way we experience the world, from the technology they create to the stories it helps tell. Rooted in creativity and driven by emotion, Sony Europe's work spans everything from R&D to engineering to design to supporting creators everywhere. At this year's FOS Future Lab, explore XYN, Sony's newest innovation that puts spatial capture and digital twins in everyone's hands, and step inside the iconic Tyrrell Shed in an extended reality.

Touchlab is a deep-tech company working at the forefront of human-machine collaboration, developing revolutionary robot fingertip sensors with highly sensitive 'electronic skin' that enable robots to feel in real-time. This is a rare opportunity to interact with these robotic sensors – including the brand new TACTO fingertip, engineered for the most dextrous robots in the world – through a series of demonstrations, including teleoperation of a robotic hand via a haptic glove.

EMOTIV is a bioinformatics and neurotechnology company advancing how we understand the human brain in real-world environments. Combining wearable EEG, software, and machine learning to create bespoke brain–computer interfaces (BCI), their platforms translate brain activity into meaningful insights and human-centred experiences. Visitors to Future Lab will experience the special debut of EMOTIV's BCI-enabled Brain Art activation, where real-time brain activity is transformed into personalised digital artworks in response to sensory stimulus.

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STEM

Festival of Speed's STEM Programme inspires the next generation of innovators with hands-on learning. From cars on the hillclimb to robotics to simulator challenges, FOS Future Lab immerses young minds in the real-world applications of science, technology, engineering and maths to accelerate curiosity into career ambition. The programme is designed to inspire 11-16 year-olds and support young people to discover their path in STEM. Each year, the Goodwood Education Trust hosts a series of STEM seminars exclusively for secondary schools, which are then distributed as a free educational source.

This year, the STEM Lab at Future Lab welcomes Creative Hut, a global STEAM education company that creates hands-on learning experiences designed to inspire curiosity, creativity and future-ready skills. Working with schools, communities and global organisations, Creative Hut helps young people explore real-world challenges through engaging activities that connect education, technology and innovation. Building on the Moon exploration theme in Future Lab, they will guide younger audiences through exciting, interactive experiences that encourage discovery, problem-solving and adventure beyond Earth.

-ENDS-

Notes to Editors:

Goodwood Festival of Speed presented by Mastercard will take place Thursday 9 - Sunday 12 July.

Tickets

Friday, Saturday and Sunday tickets are now sold out. Limited Thursday tickets are available at goodwood.com or by calling the Ticket Office on +44 (0)1243 755055.

Hospitality

As well as tickets, Goodwood's unrivalled hospitality packages are available to book for the 2026 Festival of Speed. Whether customers are looking for a great day out with friends, entertaining clients or

celebrating something special, Goodwood's hospitality provides the ultimate setting to enjoy the event. Email hospitality@goodwood.com or call +44 (0)1243 755054.

Contact

For more information about FOS Future Lab at the Festival of Speed, please contact Alexander Clare, FOS TECH PR: Alexander.Clare@goodwood.com

For all other press enquiries please contact: media@goodwood.com

Imagery and news from Goodwood are available from our Press & Media site.

Stay up to date with all future announcements and on-event action across our social channels:

X (formerly Twitter) | Facebook | Instagram | YouTube

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About the Festival of Speed presented by Mastercard

First staged in 1993, Festival of Speed presented by Mastercard is the world's largest automotive garden party; set against the spectacular backdrop of Goodwood House in West Sussex, UK. Over 600 cars and motorcycles spanning the phenomenal history of motoring and motorsport take part along with legendary figures from the automotive world. Highlights include FOS Future Lab presented by Randox, Forest Rally Stage presented by Subaru, Supercar Paddock, Supercar Run, F1 Pit Lane, Drivers' Club, GAS Arena and Cartier Style et Luxe Concours d'Elegance.

About Mastercard

Mastercard powers economies and empowers people in 200+ countries and territories worldwide. Together with our customers, we're building a sustainable economy where everyone can prosper. We support a wide range of digital payments choices, making transactions secure, simple, smart and accessible. Our technology and innovation, partnerships and networks combine to deliver a unique set of products and services that help people, businesses and governments realize their greatest potential. www.mastercard.com

About FOS Future Lab presented by Randox

FOS Future Lab was launched in 2017 as a platform through which to introduce wider stories of technology and science innovation to the world's biggest annual motorsport and automotive celebration, the Goodwood Festival of Speed. With a mission to spotlight 'Technology for a Better World', the curated Future Lab campus has presented over 120 exhibits from pioneering companies, laboratories, scientists, designers, engineers and explorers, and welcomed participating teams from across the world. This dynamic, immersive environment uniquely brings together visionary stories from broad fields of innovation ranging across future mobility, energy, agriculture, climate, health, art, architecture, space exploration, ocean research, robotics and AI, and ground-breaking digital interactions.

About Randox

Randox Health combines over 40 years of scientific innovation with advanced diagnostic technology to help individuals better understand, monitor and manage their health. Powered by Randox's pioneering Biochip Technology, the same platform trusted by laboratories and healthcare providers worldwide, Randox Health transforms complex diagnostics into accessible, actionable health insights.

At the heart of this innovation is Biochip Technology, a patented multiplex testing platform capable of measuring hundreds of biomarkers simultaneously from a single sample. Backed by more than 200 patents, 85 scientific publications and decades of research and development, the technology enables rapid, high-quality analysis across a wide range of health and disease areas.

Since 2023, Randox Health has processed more than 21 million tests and continues to expand its network of over 50 clinics across the UK and Ireland. Through comprehensive health assessments, advanced health intelligence platforms and convenient home testing solutions, Randox Health is helping to shift healthcare from reactive treatment to proactive prevention — empowering individuals with the insights needed to make more informed decisions about their long-term health.