

2025 FOS Future Lab Exhibitors

Radox

Radox is showcasing its patented Biochip Array Technology to supercharge clinical decision-making. A large floor and ceiling light installation representing the Radox biochip will be installed at the heart of FOS Future Lab, displaying a living canvas of flowing data points that move in waves above and below guests – the glowing fragments represent hundreds of different health insights only possible with the biochip.

Dr Peter Fitzgerald, Managing Director, Radox said: “Our Future Lab exhibit will showcase how cutting-edge health technologies, science and early detection can empower people to live longer, healthier lives. We’re proud to support a platform that sparks curiosity among future generations of scientists, engineers and innovators.”

New Industrial Revolutions

The National Robotarium

The National Robotarium is the UK’s centre for advanced robotics and Artificial Intelligence. This world-leading facility works directly with industry to test and develop new technologies and rapidly move pioneering research from lab to market. The centre houses a team of engineers and researchers working on innovative solutions to global challenges across the areas of Robotics and Autonomous Systems (RAS) and Human-Robot Interaction (HRI). The facilities also support start-up incubation and a skills programme.

Unitree x Autodiscovery

Autodiscovery is a system integrator for mobile robotics with the goal of integrating helpful autonomous robotics everywhere in our physical lives and eventually creating robots that have contextual understanding of their environment and can learn on the job. At Future Lab they are introducing the H1, a robust and powerful humanoid robot platform for industrial R&D from Chinese robotics developer Unitree, complete with teleoperated highly dextrous hands developed by Autodiscovery.

Space Forge

The next materials revolution doesn’t begin on Earth. Space Forge is a pioneering Welsh aerospace company developing reusable on-orbit fabrication capabilities to enable the novel production of semiconductors in microgravity, for benefit back on Earth. They are using space-derived crystal seeds to grow ultra-high quality semiconductor substrates for the next generation of power electronics, telecommunications and quantum. Their first in-space manufacturing satellite, ForgeStar®-1, is set to launch in 2025.

Our Big Blue Dot

The Nippon Foundation-GEBCO Seabed 2030 Project

Seabed 2030 is a pioneering global initiative accelerating efforts to map the entire ocean floor by the end

of the decade. The project brings together governments, industry, scientists, academia, and citizen explorers to advance ocean mapping through cutting-edge technology and open data-sharing. It fosters greater awareness of the ocean's vital role in our lives and empowers informed decisions for sustainability, policy and science – laying the foundation for safer seas, thriving ecosystems and a better future for all. The mission is joined by Schmidt Ocean Institute and SeaKeepers at FOS Future Lab.

Schmidt Ocean Institute

The Schmidt Ocean Institute boldly explores our unknown Ocean to excite interest and inform the wise stewardship of our planet. At no cost to the scientists who apply to conduct research with us, we provide our research vessel Falkor (too), state-of-the-art technologies, and an expert crew. Together, we catalyse the discoveries needed to understand our ocean, sustain life, and ensure the health of the planet through the pursuit of impactful scientific research and intelligent observation, technological advancement, open sharing of information, and public engagement – all at the highest levels of international excellence.

SeaKeepers

The International SeaKeepers Society is a global nonprofit that unites the private boating community to support groundbreaking oceanographic research, conservation, and education. Through the DISCOVERY Programme, SeaKeepers transforms recreational vessels into platforms for scientist-led expeditions, citizen science, and hands-on learning. By engaging students in real-world marine science, SeaKeepers inspires and empowers the next generation of ocean stewards. From coastal classrooms to open-ocean missions, a worldwide network of vessels, researchers, and educators is driving action for a healthier planet.

Exploring Spatial Intelligence

Atlantic Studios - Cosmos in Focus

Created by Atlantic Studios, this unique immersive experience on Apple Vision Pro takes you from looking up at the night sky to the depths of outer space, through images captured by the James Webb Space Telescope. Journey through the breathtaking, high-resolution imagery like never before, hearing insights from the scientists working with NASA and ESA on what the images reveal, and how they are shaping our understanding of the cosmos.

European Space Agency (ESA) supported by University of Sussex - Euclid Mission

The European Space Agency's Euclid spacecraft is designed to explore the contents and evolution of the Universe. Euclid will map the distribution of galaxies and matter, observing billions of individual galaxies, extending to the edge of the observable Universe. Through this Euclid will probe how the Universe has expanded and how structures formed over cosmic history, revealing more about the role of gravity and the nature of dark energy and dark matter. Supported by the University of Sussex.

Falklands Heritage Maritime Trust – Endurance22

FMHT is a UK charity dedicated to preserving the rich and varied seafaring history of the Falklands and ensuring recognition for the maritime events which have shaped the culture of the islands. It has helped organise major expeditions to find, evaluate and safeguard historic shipwrecks including the discovery of

Sir Ernest Shackleton's polar ice ship, Endurance which, thanks to cutting-edge technologies, is now being revealed in amazing detail for a new generation.

Somniacs x Cesium supported by University of Buckingham - Lunar Flight Experience

Somniacs, the Swiss company behind Birdly®—the immersive VR flight simulator—presents a groundbreaking lunar flight experience for Future Lab 2025. This new installation, developed by Somniacs Studio, the creative and production division, blends movement, visuals, and sound, offering a multisensory journey across the Moon's surface to discover this landscape in a whole new way. The experience utilises a unique moon terrain model created by Cesium, the leading open platform for 3D geospatial modelling. Supported by the University of Buckingham.

Mobility for Humanity

Certo Aerospace

Certo Aerospace is a British company pioneering large Vertical Take Off and Landing (VTOL) Uncrewed Aerial Vehicles (UAVs) to serve humanity and improve lives across air operations in humanitarian assistance, casualty evacuation, disaster relief, ship-to-shore logistics, maritime rescue, energy supply, special construction projects and defence. The company designs, develops and tests heavy-lift, uncrewed helicopters to meet the rapidly growing needs of military, maritime, government and commercial markets.

Marble

From ice caps to deserts, we need real time monitoring of the planet - for everything from tracking global warming to protecting ecosystems. Marble is deploying fleets of drones to be these needed permanent eyes in the sky.

Extreme H

Extreme H is the world's first hydrogen-powered racing series, an evolution of Extreme E, engineered to redefine performance, equality, and sustainability. As a cutting-edge proving ground for zero-emission technology, it sets a bold new benchmark for the automotive industry. This is racing at the edge of possibility: wheel-to-wheel in the world's most remote, unforgiving terrains. Powered by green hydrogen. With equal-gender driver line-ups, Extreme H proves that performance has no bias, but is purely driven by bravery, skill, and speed.

UIM E1 World Championship Presented by PIF

E1 is the world's first and only all-electric race boat championship sanctioned by the Union Internationale Motonautique. The Championship sees teams featuring both a male and female pilot. Racing on the water in iconic cities around the world including Jeddah, Doha, Monaco, and Miami, teams are owned by some of the biggest names on the planet. E1 is delighted to return to Future Lab with an E1 RaceBird. Experience what it takes to become an E1 pilot, step inside the E1 RaceBird Simulator and experience head-to-head racing in each of the iconic cities.

-ENDS-

Notes to Editors:

Festival of Speed presented by Mastercard will take place Thursday 10 - Sunday 13 July 2025.

Tickets

Final tickets are available at [goodwood.com](https://www.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 2025 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 Future Lab and FOS Tech 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](#)

About the Festival of Speed presented by Mastercard

First staged in 1993, the Goodwood 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, Supercar Paddock, Supercar Run, F1 Pit Lane, Drivers' Club, GAS Arena, Cartier Style et Luxe Concours d'Elegance and Bonhams|Cars Auction.

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

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, Goodwood Festival of Speed. With a mission to spotlight 'Technology for a Better World', over eight years 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 is a global leader in diagnostics, revolutionising patient outcomes through innovative technologies, including its patented biochip technology. This pioneering diagnostic platform allows for the simultaneous detection of multiple biomarkers from a single sample, delivering faster, more accurate, and comprehensive results. Operating in over 145 countries, Randox develops advanced laboratory instruments, high-quality reagents, and innovative testing solutions to improve global healthcare. Randox Health brings this cutting-edge technology directly to individuals, offering bespoke, preventative health testing programs. With world-class laboratories and personalised health insights, Randox Health enables early detection of a wide range of conditions, helping individuals take control of their health.

Together, Randox and Randox Health are redefining diagnostics and preventative healthcare. For more information, visit www.randox.com and www.randoxhealth.com.

About EDB

As a proud partner of the Goodwood STEM Programme, EDB is committed to engaging the worlds' top automotive leaders and sharing their visions of technology and innovation in the industry. EDB is also investing in the next generation of technologists through Goodwood's STEM Lab initiatives.