

# COLLABORATE WITH US



**Make a step change in your business by taking advantage of our exceptional research capabilities, wide range of business services, specialist facilities and high calibre students**

# ACCESS WORLD LEADING INSTITUTES



**Our research institutes are globally renowned multi-disciplinary centres of excellence. They combine expert knowledge with state-of-the-art facilities to deliver cutting edge research, teaching, and provide an enabling resource for business, government and academic partners.**

## **Southampton Marine and Maritime Institute (SMMI)**

[www.southampton.ac.uk/smmi](http://www.southampton.ac.uk/smmi)

The SMMI constitutes world class, authoritative, independent expertise, spanning both the marine and maritime sectors. The institute fosters new research collaborations, educates the next generation of maritime leaders and generates knowledge and intelligence for businesses of all sizes, government at all scales and organisations of all kinds. Alone and with partners, the SMMI creates new technologies and innovations to stimulate economic growth and improve quality of life and the environment.

## **Web Science Institute (WSI)**

[www.southampton.ac.uk/wsi](http://www.southampton.ac.uk/wsi)

The WSI is the hub for the University of Southampton's world-leading expertise in exploring the development of the Web from a socio-technical perspective. Its mission is to influence and drive public policy both in the UK and internationally, through world-class research, education and enterprise, in areas such as the growing field of Human-Centred AI, the development of data engineering and management at scale, and the future sustainability of democratic norms and practices. It is sustained by building a vibrant network of partners in government, business and civil society offering analysis, tools, data and advice. The WSI funds early stage research which facilitates interdisciplinary research collaborations with non-academic partners.

## **Zepler Institute**

[www.zeplerinstitute.com](http://www.zeplerinstitute.com)

The Zepler Institute is the largest photonics and nanoelectronics institute in the UK. It brings together leading researchers to develop technologies that make a real difference to daily life. The state-of-the-art cleanrooms and laboratories offer some of the best photonics and nanofabrication capabilities in Europe, and are used by researchers and engineers from across academia and industry.

The institute fosters a strong culture of innovation with an interdisciplinary, industry-focused approach which has led to many successful high-tech spin-out companies and the commercialisation of products.

## **Southampton Institute of Arts and Humanities (SIAH)**

[www.southampton.ac.uk/siah](http://www.southampton.ac.uk/siah)

The SIAH champions and supports research led by the Arts and Humanities. The institute's deeply interdisciplinary team - with backgrounds in archaeology, cultural and creative industries, design, history, literature, film, games, and new media - works across disciplines and sectors. The team seeks new kinds of critical and creative approaches to contemporary global challenges. The SIAH's interests are in culture, heritage, sustainability, data and experimentation, economics, law, gender, play, technology, identity, regeneration, and wellbeing - with a particular interest in disruptive and unexpected forms of data and analysis.



### **Institute for Life Sciences (IfLS)**

[www.southampton.ac.uk/life-sciences](http://www.southampton.ac.uk/life-sciences)

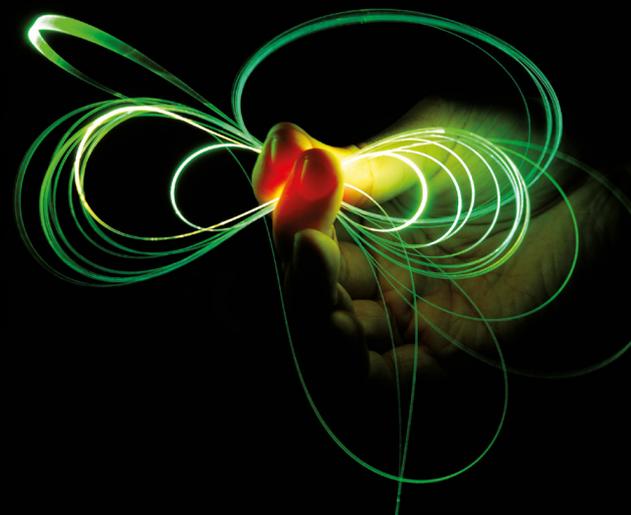
Life Sciences at Southampton breaks the traditional mould of solving problems within the confines of a discipline. The IfLS has an established reputation for working collaboratively, taking disruptive approaches and risks through interdisciplinary team science. The institute focuses on four areas of excellence: the challenge themes of Health and Medicine, and Living Systems, supported by the cross-cutting themes of Disruptive Life Technologies and Insights through Data, which provide the advanced tools to drive our understanding at the frontiers.

### **Southampton Business School**

[www.southampton.ac.uk/business-school](http://www.southampton.ac.uk/business-school)

Southampton Business School academics are involved in cutting edge research with businesses and organisations around the world. The school's expertise covers a diverse range of fields from leadership, risk management, strategy and business models, to sustainable and inclusive digital platforms, banking, marketing and finance, plus social entrepreneurship, sustainable entrepreneurship and corporate social responsibility. The business school has an impressive track record for problem solving and for being a source of innovation. It also provides a comprehensive range of tailored training programmes for companies and individuals.

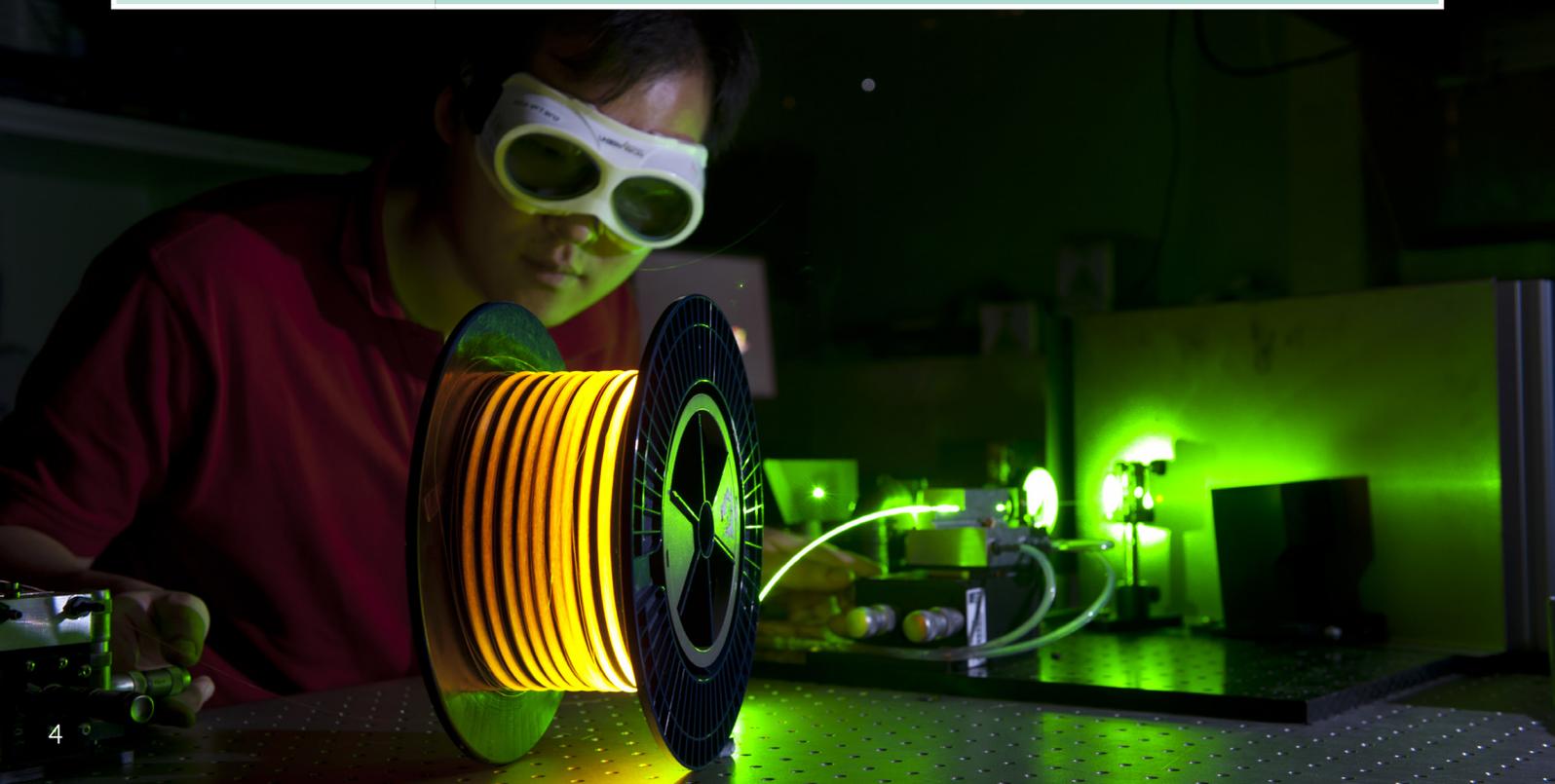
# COLLABORATE TO INNOVATE



**Engage with us and grow your organisation's skills base, capacity for innovation, and productivity.**

We will work with you to match our expertise and identify the most appropriate mode of collaboration to meet the needs of the partnership.

<b>Collaborative Research Projects</b>	Collaborate as joint partners with the University to leverage funding for a specific project.
<b>Knowledge Transfer Partnerships (KTP &amp; mKTP)</b>	Work with an academic team and have a qualified graduate embedded in your business to work on an agreed project of strategic importance (technical or management) and benefit from the support of Innovate UK funding.
<b>Secondments</b>	Gain expertise and knowledge transfer through outward secondments of university staff to your organisation or inward secondments of staff into the University.
<b>Access Student Talent</b>	Connect with our students to bring an injection of fresh thinking, energy and ambition to your business. From short term student projects, internships and placements to sponsored PhDs or through raising your profile at one of our careers fairs.
<b>Consultancy</b>	Bespoke consultancy provided by experienced academics, research institutes or specialist enterprise units.
<b>Continuing Professional Development (CPD) and Training</b>	Co-create high-quality training courses and bespoke programmes tailored to professional development opportunities for your staff.
<b>Commercialisation of Intellectual Property</b>	We manage an active patent portfolio and licence software and online resources. We can guide you to our most relevant staff and intellectual property, then work with you to develop mutually beneficial licensing terms.



# DISCOVER OPPORTUNITIES TO GROW

**University of Southampton is a founding member of SETSquared, a unique enterprise partnership between six leading research-led UK universities. Through programme's such as SETSquared Scale-Up and Space at Southampton we are dedicated to supporting the growth of small to medium enterprises (SMEs) in the UK; and can work with you to take your business to the next level and stay ahead of the competition.**

## Space @ Southampton Group

[https://issuu.com/university\\_of\\_southampton/docs/space\\_at\\_southampton\\_2021](https://issuu.com/university_of_southampton/docs/space_at_southampton_2021)

Space at Southampton was jump started by the SPRINT Programme. We provide SMEs and larger companies with access to world leading space research expertise and facilities to help them grow through the commercialisation of space technologies and space data.

## SETSquared Scale-Up

[www.setsquared.co.uk/programme/scale-up-programme](http://www.setsquared.co.uk/programme/scale-up-programme)

Scale-Up provides innovative and ambitious SMEs with a tailored package of support as they scale. This includes help to identify research expertise and facilities from within the partner universities (Bath, Bristol, Cardiff, Exeter, Southampton and Surrey) and appropriate collaborative R&D funding calls, along with access to talent, business mentoring and investment opportunities.



# OPEN FOR BUSINESS

Our specialist enterprise units are focused to support your business and innovation needs. Take advantage of our state-of-the-art facilities, expertise and continuing professional development opportunities to solve your most complex problems.

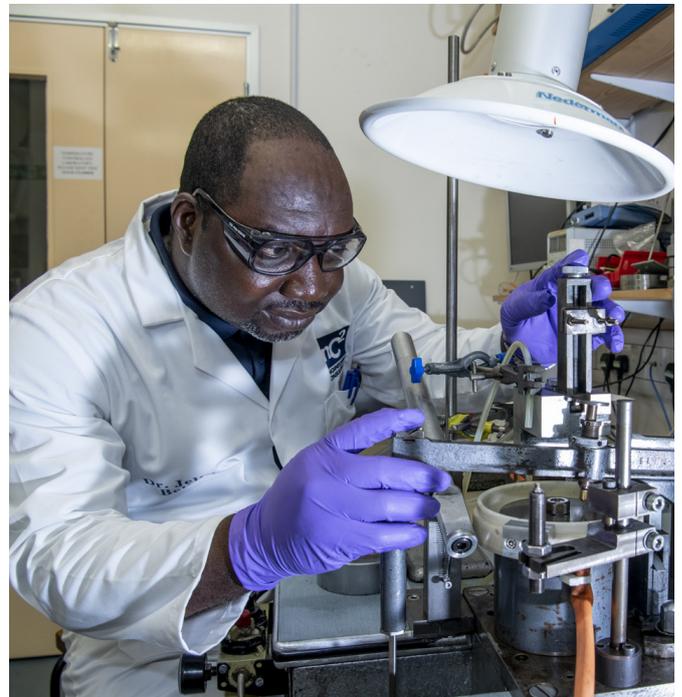
## SPECIALIST ENGINEERING, MANUFACTURING AND PHYSICAL SCIENCE



### Wolfson Unit

[www.wolfsonunit.com](http://www.wolfsonunit.com)

Consultants to the marine and industrial aerodynamics sector with expertise in ship design, yacht design, small craft design, naval architecture, marine technology and industrial aerodynamics. The unit prides itself on offering a 'One stop Shop' of capabilities to solve client aero/hydrodynamic problems ranging from software and numerical simulation to experimental testing and full-scale trials using a fast, flexible approach with high quality facilities and expertise.



### nC<sup>2</sup> Engineering Consultancy

[www.nc2consulting.co.uk](http://www.nc2consulting.co.uk)

nC<sup>2</sup> Engineering Consultancy is a group of experts in material science, mechanical engineering and tribology. They are dedicated to providing consultancy services to industry.

Set up in 2015, the team specialises in delivering expert advice to clients when choosing coatings, polymers and metal alloys for harsh environments. They are also nationally recognised for their expertise in investigating component failures for which they provide the knowledge to prevent reoccurrence.



### ISVR Consulting

[www.isvr.co.uk](http://www.isvr.co.uk)

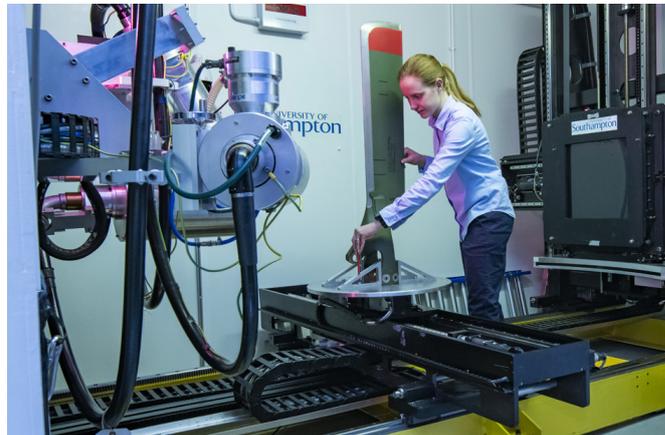
Providing consultancy and contract research in acoustics, noise, speech intelligibility, hearing and audio communication, vehicle dynamics and shock analysis.



### National Infrastructure Laboratory

[www.southampton.ac.uk/engineering/research/facilities/national-infrastructure-laboratory.page](http://www.southampton.ac.uk/engineering/research/facilities/national-infrastructure-laboratory.page)

The National Infrastructure Laboratory houses state-of-the-art testing facilities for light and heavy structures, solid mechanics, geomechanics, composite materials, infrastructure engineering and also a large geotechnical centrifuge. Research, teaching and commercial studies in the laboratory are focused on the behaviour of large structures, structural components and geomaterials, with an emphasis on cities and infrastructure and the rail, maritime and offshore engineering sectors.

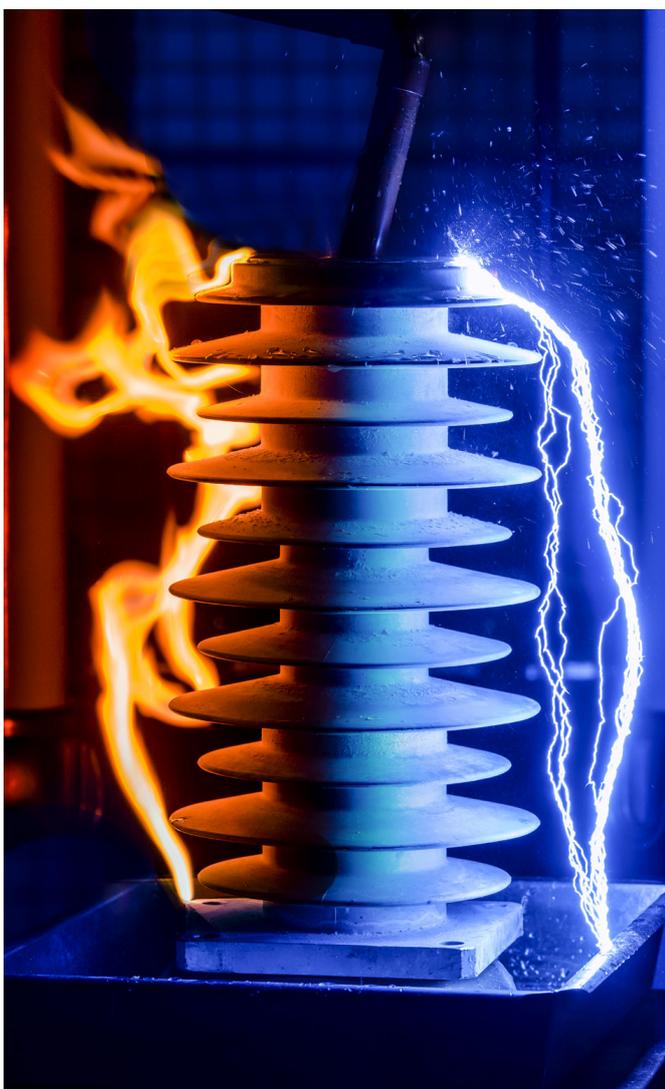


### μ-VIS X-Ray Imaging Centre

[www.southampton.ac.uk/muvis](http://www.southampton.ac.uk/muvis)

The μ-VIS X-ray imaging centre welcomes users and collaborators from around the world, serves both industry and academia, and is proudly part of the newly created UK National Research Facility for X-ray Computed Tomography (XCT). XCT continues to revolutionise numerous aspects of industrial inspection and quality control, across sectors as diverse as additive manufacturing, composites engineering, energy systems, microelectronics and pharmaceuticals. High resolution three-dimensional structure, defect states and metrological information is revealed in otherwise hidden and inaccessible components and built-up systems.

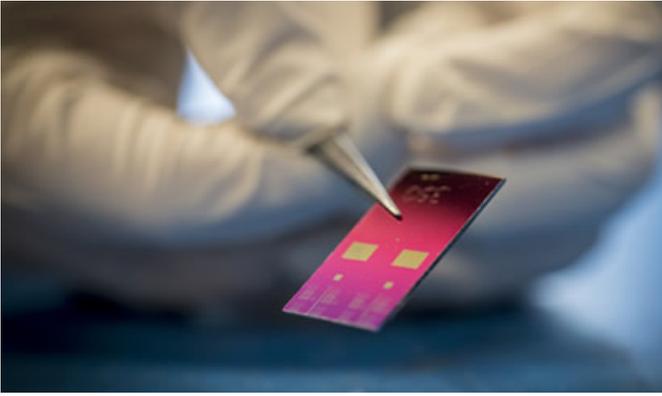
With a strong emphasis on challenging specimens, time-resolved and in situ applications, as well as bespoke acquisition, reconstruction and image processing solutions, the μ-VIS facility not only serves but inspires. The facility houses two of the UK's largest high energy walk-in bay microfocus systems, two completely custom co-developed X-ray histology systems as well as many more conventional microfocus systems necessary to serve a broad spectrum of projects. The centre emphasises a practical approach to XCT, supporting users in terms of training, test planning and data analysis.



### Tony Davies High Voltage Laboratory

[www.highvoltage.ecs.soton.ac.uk](http://www.highvoltage.ecs.soton.ac.uk)

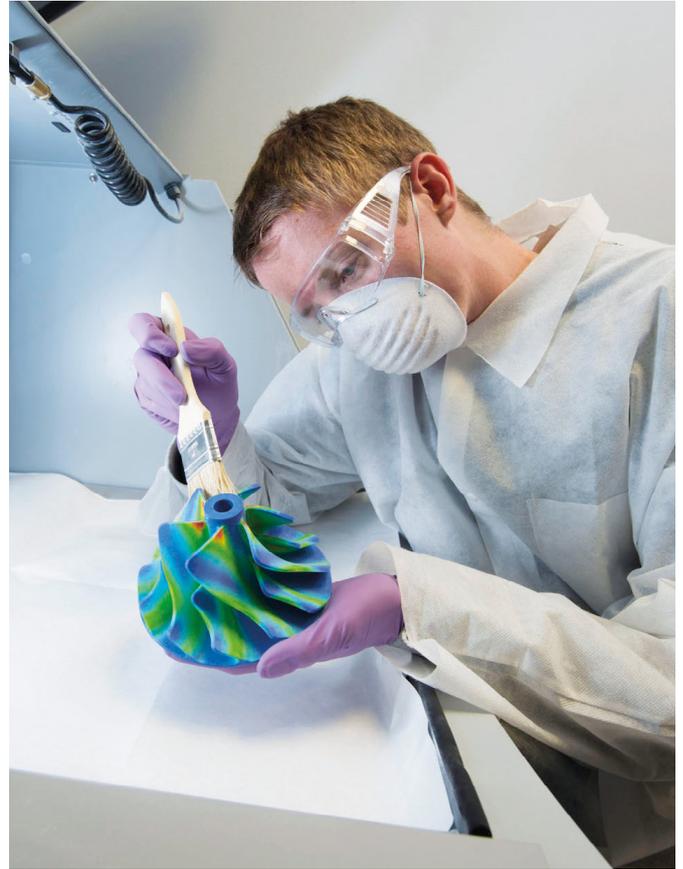
The high voltage laboratory is an active, world-leading centre for research into dielectric materials, insulation systems, high voltage systems and related phenomena. The state-of-the-art facilities are also used for commercial testing, supported by a specialist engineering team. The laboratory is accredited to three international standards for quality management (ISO 9001), environmental management (ISO 14001) and health and safety management (ISO 45001).



### **ECS Partners Ltd**

[www.ecs.soton.ac.uk/business/consultancy](http://www.ecs.soton.ac.uk/business/consultancy)

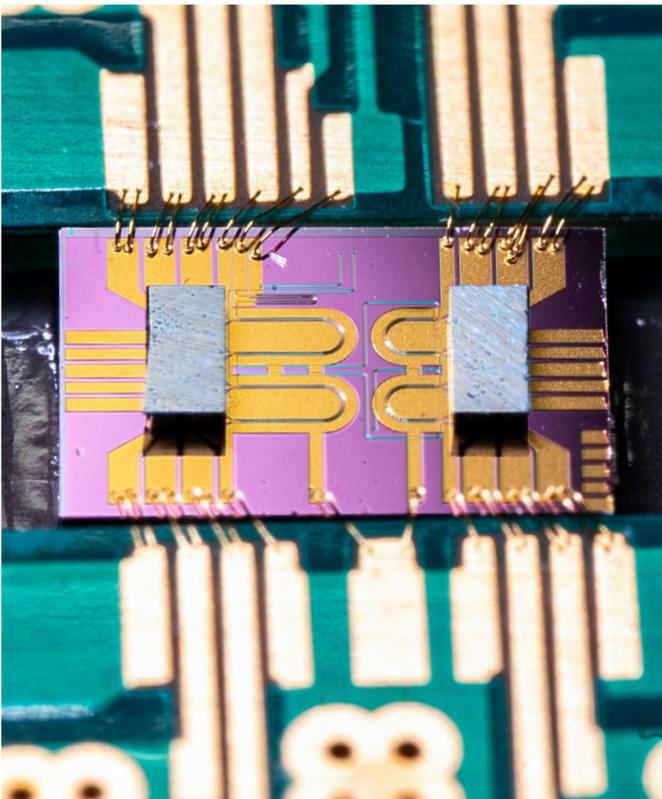
ECS Partners provides a broad range of services, from fabricating devices using a dedicated commercial services team and the University facilities, through to developing long term partnerships such as the Arm ECS Research Centre. In addition ECS Partners provides specialist consultancy involving either teams or the individual expertise of staff and postgraduate students from Electronics, Computer Science and Physics.



### **Engineering and Design Manufacturing Centre (EDMC)**

[www.southampton.ac.uk/autonomous-systems/about/ecdm-workshop.page](http://www.southampton.ac.uk/autonomous-systems/about/ecdm-workshop.page)

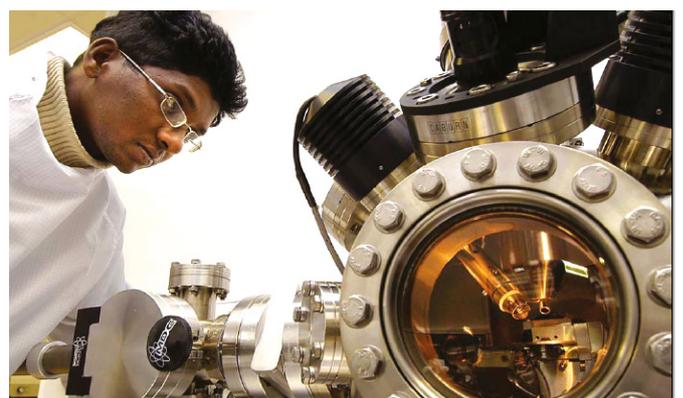
The EDMC provides a professional engineering design service, with hire of facilities and technical support. In addition to a range of conventional machinery the centre offers specialist CNC equipment, extensive CAD/CAM facilities plus 3D printing and additive manufacturing capabilities.



### **CORNERSTONE**

[www.cornerstone.sotonfab.co.uk](http://www.cornerstone.sotonfab.co.uk)

CORNERSTONE is a flexible silicon photonics foundry service that utilises scalable technology run by the world renowned Silicon Photonics Group. With a team of over 50 experts, the research group collaborates with both SMEs and global companies in the communications, imaging and sensing industries.



### **Advanced Composite Materials Facility**

[www.southampton.ac.uk/advancedmaterials/about/index1.page](http://www.southampton.ac.uk/advancedmaterials/about/index1.page)

The facility provides the opportunity to use combinatorial and high throughput methodologies for the accelerated development of materials and devices in the electronics and energy sectors. Advanced manufacturing methods allow devices incorporating new materials to be scaled on up to 150mm wafers.



**Future Towns Innovation Hub (FTIH)**

<https://futuretowns.soton.ac.uk>

The £14 million FTIH is a partnership between the University of Southampton, the EM3 LEP and the University of Southampton Science Park to realise happy, healthy and prosperous towns. The hub has been specifically funded to create economic impact such as skills development, job and business creation, translation of products and services, creating competitive advantage and new markets, and attracting inward investment. The Hub houses a range of dedicated facilities, including:

- Specialist laboratories to support a range of sectors, including environmental engineering, electronics, transport research, energy, energy generation and autonomous systems.
- General workshops and high-quality innovation and creativity spaces for industrial collaborators and partners (Collaboration Zone).
- Office units to attract business to collaborate with researchers as part of long-term enterprises.

The state-of-the-art building will be completed spring 2022. In the meantime the Collaboration Zone is operating virtually and already fostering partnerships.

To find out more and discuss opportunities, please contact Professor Clint Styles (Managing Director): [C.Styles@soton.ac.uk](mailto:C.Styles@soton.ac.uk)

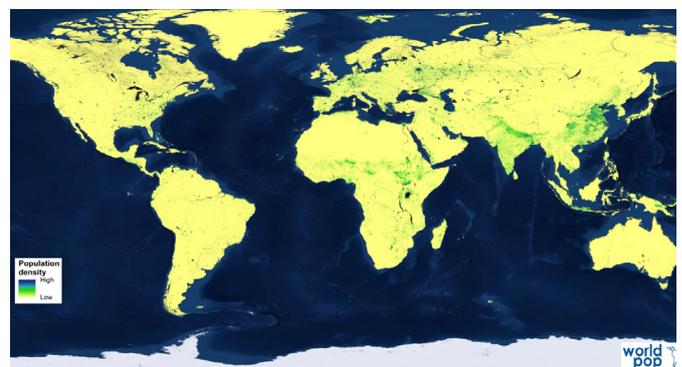


**Institute of Maritime Law**

[www.southampton.ac.uk/iml](http://www.southampton.ac.uk/iml)

The Institute of Maritime Law is a world-leading centre for research, consultancy and training in maritime law.

The Institute runs a large variety of courses and seminars including tailor-made executive training and professional development courses for maritime law; undertakes consultancy on all aspects of maritime and shipping law; and has been commissioned by a large variety of bodies, associations, corporations and law firms to advise on UK, foreign, public international and convention law.



**WorldPop**

[www.worldpop.org](http://www.worldpop.org)

WorldPop provides open access high resolution geospatial datasets for population distributions, demographics and dynamics. It utilises transparent, fully documented and peer reviewed methods to produce easily updatable maps with accompanying metadata and measures of uncertainty.

“Our vision is that by 2030, sustainability will be a part of everything the University of Southampton does: our individual behaviours, how we work together, and how we make decisions for the future. This is key to achieving our mission of changing the world for the better.”

University of Southampton Sustainability Strategy 2020-2025



### IT Innovation

[www.it-innovation.soton.ac.uk](http://www.it-innovation.soton.ac.uk)

The IT Innovation Centre is an applied research centre specialising in advancing innovative digital technologies and their deployment in industry, commerce, and the public sector. The centre works at the forefront of emerging technology, taking cutting-edge research and creatively working with partners to help solve big societal challenges. It has experts in risk management, cybersecurity, artificial intelligence, and social behaviour in complex systems, and works across sectors as diverse as health and social care, creative industries, education, manufacturing, environment and beyond.

### The Centre for Machine Intelligence (CMI)

[www.cmi.ecs.soton.ac.uk](http://www.cmi.ecs.soton.ac.uk)

Located within the School of Electronics and Computer Science, the CMI is a centre of expertise for artificial intelligence, machine learning, and autonomous systems. Working with industry, policy makers and the public, the CMI addresses both national and global challenges; and can be accessed through ECS Partners (See page 8).

### Southampton Statistical Sciences Research Institute (S3RI)

[www.southampton.ac.uk/s3ri](http://www.southampton.ac.uk/s3ri)

S3RI comprises experienced academics at the forefront of their disciplines covering a number of themes such as medical and bio statistics, design of experiments, modelling, policy and evaluation, survey methods and official statistics. A key partner to many of the world's leading government agencies and departments, pharmaceutical and medical organisations, industries and charities, S3RI can work with you in a number of ways, through formal consultancy, knowledge transfer partnerships, collaborative projects plus bespoke arrangements. S3RI's facilities are state-of-the-art with high performance computing laboratories, and the latest specialist software. The Institute has a long-established programme of short courses to upskill your staff in all the latest statistical techniques, we teach both theory and practice in our fully equipped training suite or at your own premises.



### CORMSIS

[www.southampton.ac.uk/cormsis](http://www.southampton.ac.uk/cormsis)

The Centre for Operational Research, Management Sciences and Information Systems (CORMSIS), spanning Mathematical Sciences and the Southampton Business School, applies advanced mathematical and analytical modelling to help people make better decisions and improve the operational efficiency of businesses and organisations. The centre, one of the largest groups of its type in the UK, offers consultancy, student projects, collaborative research and professional development. It is proud to have been ranked 34th in the world and seventh in the UK for statistics and operational research (QS World University Rankings 2022).



### Data Visualisation and Digital and Print Design Design Studio 3015

[www.studio3015.co.uk](http://www.studio3015.co.uk)

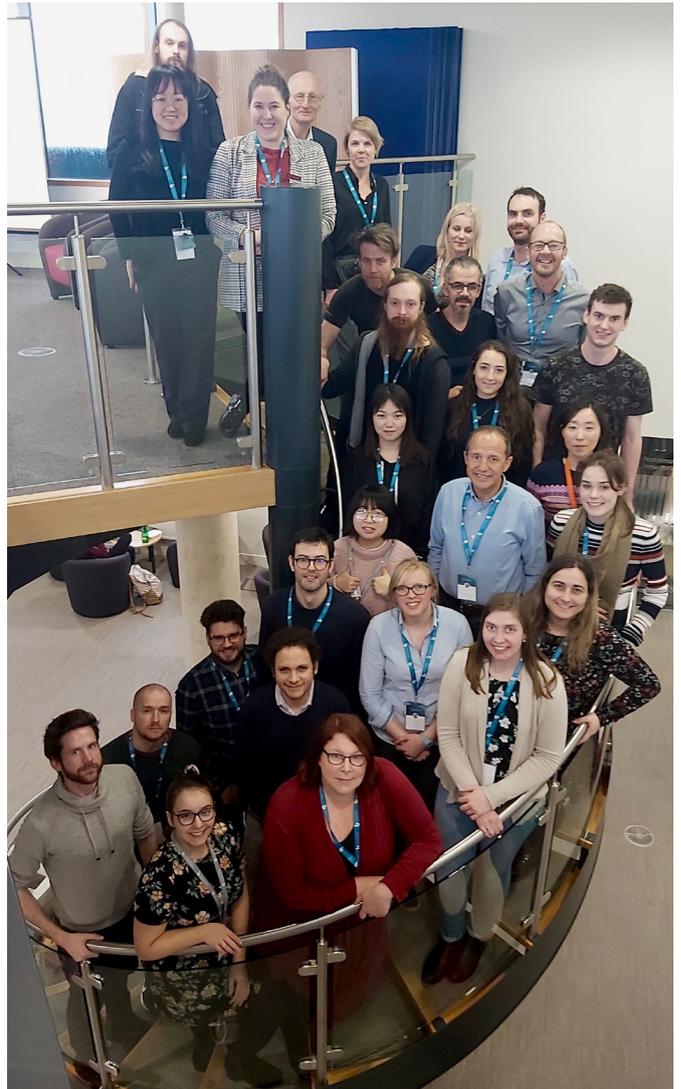
Design Studio 3015 is situated at the heart of Winchester School of Art, University of Southampton. The studio provides a professional context for the school's taught programmes in Graphic Arts (Design, Illustration, Motion Design, and Photography), as well as Games Design and Communication Design. The studio also works closely with a range of academic staff and PhD students in connection with their research. It welcomes enquires for collaborations and research partnerships regarding all aspects of digital and print design, and particularly with regards innovations in data visualisation.



### Southampton Clinical Trials Unit (SCTU)

[www.southampton.ac.uk/ctu](http://www.southampton.ac.uk/ctu)

The SCTU is a UKCRC-registered CTU with expertise in the design, conduct and analysis of multicentre interventional clinical trials. It works in partnership with investigators to deliver high quality trials that will directly influence routine clinical practice. The SCTU's staff have expertise in developing research questions, funding proposals, trial costing and site set up. The SCTU works with its partners to ensure smooth running, timely recruiting and high quality data acquisition and analysis.



### National Biofilms Innovation Centre (NBIC)

[www.biofilms.ac.uk](http://www.biofilms.ac.uk)

The NBIC is funded by the Biotechnology and Biological Sciences Research Council, Innovate UK and the Hartree Centre. It is the UK's hub for accessing biofilm capability, and connects biofilm specialists across the UK, providing a mechanism for industrial partners to explore their unmet needs with researchers to achieve breakthrough innovation. The centre also supports the development of technologies to prevent, detect, manage and engineer biofilms through translational Proof of Concept funding.



### WISH Lab

[www.southampton.ac.uk/medicine/research/WISH%20Lab/wishlab.page](http://www.southampton.ac.uk/medicine/research/WISH%20Lab/wishlab.page)

The Wessex Investigational Sciences Hub laboratory (WISH Lab) provides a bespoke laboratory for translational research requiring quality assurance to regulatory standards. The lab can advise on Good Clinical Practice (GCP) compliance, quality management systems, QA/QC, method validation, documentation, assessment of tissue and blood samples from consenting patients in clinical trials, academic studies, or analytical service delivery.



### **Clinical Informatics Research Unit (CIRU)**

[www.southampton.ac.uk/ciru](http://www.southampton.ac.uk/ciru)

The CIRU provides informatics solutions to the clinical research and healthcare industry through its five key service groups. EDGE, one of the leading products, is a cloud-based clinical research management system. Alongside the other groups - CORE, AXIS, RESIN and KITE - the CIRU provides a range of expertise including data management, form design, data integration, global health research, and new concept design.



### **Skin Health Research Group**

[www.southampton.ac.uk/fcs/themes/skin-health/index.page](http://www.southampton.ac.uk/fcs/themes/skin-health/index.page)

The group focuses on strategies designed to maintain skin health with a particular focus on the prevention of pressure ulcers. Its research and enterprise activities span basic laboratory testing using physical and computational models for medical device evaluation, controlled experiments using a range of able-bodied volunteers, to clinical trials involving patients considered at risk of developing pressure ulcers. The team in Southampton led the first international Medical Device and Vulnerable Skin Network (MDVSN), bringing together a multidisciplinary team to innovate devices interfacing with individuals' skin.



### **National Crystallography Service**

[www.ncs.ac.uk](http://www.ncs.ac.uk)

The service is a world-leading facility specialising in structure analysis by single crystal diffraction and working with the most challenging samples the community has to offer. It is a very active commercial service working with many companies in pharmaceutical and related sectors.



### **Centre for Proteomic Research**

[www.proteome.soton.ac.uk](http://www.proteome.soton.ac.uk)

The centre offers state-of-the-art instrumentation and expertise for proteomic research and can provide advice on experimental design, sample preparation, proteomic methodologies, therapeutic protein discovery and data analysis.



### Eye Tracking Unit

[www.southampton.ac.uk/psychology/business\\_partnership/services/eye\\_tracking.page](http://www.southampton.ac.uk/psychology/business_partnership/services/eye_tracking.page)

The unit has four state-of-the-art Eyelink 1000 eye-trackers in its eye-tracking laboratories. These have been used for a diverse array of projects in the past, including threat detection, airport security and reading. The unit's eye-trackers can be taken to different venues for data collection, such as schools, in our customised Mobile Research Unit.



### Podiatry Unit

Podiatry is a profession with strong investment in private businesses. Approximately 65 per cent of the podiatry profession in the UK is involved in delivering clinical services as private businesses outside the NHS remit. Resourcing of clinics with consumables, ancillary services (such as electronic records systems) and the sales and supply of products associated with foot health relies on strategic collaborations with industry and trade. To prepare future graduates for work in both the UK NHS and private sectors, the pre-registration podiatry programme embeds a business module in the final year of study. Expert businesses contribute to the teaching of this module bringing expertise from the private sector and accountants and business professionals to the learning environment. In turn, students have opportunities for specialist placements with such companies as well as research and enterprise engagement activities. As future innovators of healthcare, our students consider market forces alongside the needs of service users, with a view to maintaining a contemporary and effective natural first stop profession for foot care.



### Centre for Psychosocial Research in Cancer: CentRIC+

[www.southampton.ac.uk/msrg](http://www.southampton.ac.uk/msrg)

The group's research identifies what matters to people living with and beyond cancer and is used to develop and test effective solutions to improve people's lives. With a team of 30 experts, the research group is flexible and responsive. The group collaborates with healthcare professionals and providers, industry, third sector, policy makers and the public to drive change and improve care.

“The University’s mission is to achieve remarkable things, change the world for the better and transform lives. At Southampton we are renowned for our research and enterprise, and we pride ourselves on working with businesses and organisations of all sizes to translate our knowledge and expertise to solve real world challenges, help realise their goals, and drive innovation. Our external partners are extremely important to us and through collaboration we will achieve more together.”

#### Professor Mark Spearing

Vice-President (Research and Enterprise)



**GeoData**

[www.geodata.soton.ac.uk](http://www.geodata.soton.ac.uk)

The GeoData group provides research, communication and management for a sustainable environment and society. Through its in-house specialists and backed by leading technologies and resources, GeoData offers wide-ranging, solutions-based services which are flexible and responsive.



**NNUF-EXACT (Next Generation Accelerated Characterisation Technologies)**

<https://www.southampton.ac.uk/nnuf-exact/index.page>

The National Nuclear User Facility - Next Generation Accelerated Characterisation Technologies (NNUF-EXACT) provides a state-of-the-art facility for technology development in accelerated nuclear characterisation, in situ monitoring and remediation. EXACT will enable and facilitate research in these areas to address key challenges in civil nuclear programmes, decommissioning, and new nuclear infrastructure. EXACT will also deliver evidence led, industry relevant training in characterisation and remediation.



**Stable Isotope Ratio Mass Spectrometry Laboratory (SIRMS Lab)**

[www.southampton.ac.uk/oes/research/facilities/sirms.page](http://www.southampton.ac.uk/oes/research/facilities/sirms.page)

Located at the National Oceanography Centre and hosted in the Palaeoceanography and Palaeoclimate department of the School of Ocean and Earth Science, the Stable Isotope Ratio Mass Spectrometry Laboratory is the central stable isotope facility for the University. It operates several isotope ratio mass spectrometers and peripherals for the analysis of light stable isotope ratios such as  $\delta^2\text{H}$ ,  $\delta^{13}\text{C}$ ,  $\delta^{15}\text{N}$ ,  $\delta^{18}\text{O}$  and  $\delta^{34}\text{S}$  of various organic and inorganic materials (e.g. marine and lacustrine sediments, soils, plant material, animal tissue, corals, bivalve shells, food and beverages). The isotopic signature can provide insights into past environmental and climatic conditions, human and animal diets, or marine and terrestrial food webs. This technique is already widely applied in forensics, food authentication, geolocation, and a variety of other biological, geological, medical, and chemical processes. As a research and teaching facility of the University of Southampton, the SIRMS Lab is also working with external customers and offer bespoke sample preparation and analysis.



**GAU-Radioanalytical Laboratories (GAU)**

[www.southampton.ac.uk/oes/research/facilities/gau.page](http://www.southampton.ac.uk/oes/research/facilities/gau.page)

GAU is a long-established and experienced commercial group providing radioanalytical services, consultancy and research support for government, industrial and academic sectors. The group's expertise in radiometric analysis, radioanalytical project management, R&D and training is widely recognised. Its high impact research covers the nuclear, chemical and geochemical sectors.



### **Coastal and Offshore Archaeological Research Services (COARS)**

[www.southampton.ac.uk/coars](http://www.southampton.ac.uk/coars)

COARS provides archaeological services to industry where maritime archaeological mitigation and pre-construction research is required, such as windfarm development or offshore aggregate extraction. COARS' services include consultancy, marine geophysical survey and deposit modelling, geoarchaeological investigation and publication. Key projects to which COARS has provided services include Hinckley Point C, London Array Offshore Windfarm and Outer Thames Regional Environmental Characterisation.



**Infrastructure development both onshore and offshore often leads to physical impacts on our cultural heritage. Two enterprise units within Archaeology offer specialist services and advice. They work with developers to mitigate those impacts and enhance knowledge and public understanding.**

### **The Centre for the Archaeology of Human Origins (CAHO) Contracting**

<https://www.southampton.ac.uk/archaeology/about/staff/ffws.page>

CAHO provides specialist services to industry, dealing with deep-time Palaeolithic archaeology and geo-archaeology. This includes pre-construction desk-based assessment, field evaluation, consultancy, post-excavation assessment and reporting, environmental specialist coordination and the analysis of stone tools. Its specialist focus makes CAHO Contracting unique within the UK. Key projects include work for the Lower Thames Crossing and infrastructure development around Ebbsfleet in Kent.

### **Archaeology for the Creative Industries (ACI)**

[www.southampton.ac.uk/aci](http://www.southampton.ac.uk/aci)

ACI provides expert archaeological advice, continuing professional development, consultancy and research services to the creative industries. ACI understands that heritage underpins the creative industries. The unit's work ranges from advice on documentary films, to provision of scene-setting information for major art exhibitions, and highly effective continuing professional development programmes, through the conceptualisation of individual art works, products, gardens, dance performances and heritage experiences. Previous clients include internationally renowned artists and award winning designers in product and garden design, the film industry, performing arts, fine art, craft, gaming, fashion and luxury brands. ACI has a wide network of contacts in the UK, Europe and beyond, and works with organisations to boost creativity, innovation and growth.

**We have a wealth of expertise and resources at the University. If we haven't covered what you are looking for our Business Engagement Team will be able to assist you: [business@soton.ac.uk](mailto:business@soton.ac.uk)**

# KNOWLEDGE TRANSFER PARTNERSHIPS

## Can a KTP unlock new opportunities for your business and facilitate growth?

Realise transformational change and unlock growth for your businesses through a KTP with the University of Southampton. Work with both an academic team and a qualified graduate who is embedded in your business to deliver a technical project of strategic importance.

With support from Innovate UK funding for up to 67 per cent of your project costs, this is a great opportunity for businesses who have identified an innovation challenge, new markets or company growth and who need to embrace knowledge transfer from research professionals to achieve this.

Find out more at [ktp-uk.org](http://ktp-uk.org)

“The KTP with Southampton has been really successful and has exceeded our expectations, we never thought we’d be able to deliver aiAutopilotML™ within the two years that we had set out for the KTP. We’ve already got many other customers and potential customers interested in this technology, and that’s driven the whole business forward. Where we are now is where we projected that we were going to be in two or three years.

It has also helped us to optimise our internal processes, we’re a lot more efficient as a business now, and we’ve put in place an innovation process to understand exactly what our customers want so that we always deliver to their expectations. If other businesses are considering applying for a KTP I would say they should absolutely do it. You’re not only going to be working with some of the best minds in the industry and bringing in the latest knowledge, you’ll also be optimising your business.”

**Oliver Tearle**, Head of Innovation Technology, The ai Corporation

## Management Knowledge Transfer Partnerships (MKTP)

Alongside the classic KTP we also offer Management KTPs. MKTPs provide businesses looking to undertake a transformational people-centric change, or strategic productivity increases, the opportunity to partner with our Southampton Business School. Giving you access to world-leading innovation management, marketing, strategic and process management expertise.

Find out more at [ktp-uk.org/mktp](http://ktp-uk.org/mktp)

 **Find out more:**  
[www.southampton.ac.uk/business/collaboration/knowledge-transfer-partnerships.page](http://www.southampton.ac.uk/business/collaboration/knowledge-transfer-partnerships.page)



# SECONDMENTS AND PLACEMENTS

The University values engagement with business at all levels. Alongside the opportunities available to work with our students and graduates, we actively seek opportunities and hosts for short term secondments, placements and people exchange for our academic and research staff.

Institutional funding from UKRI means we are able to support staff to spend time with your business, opening up access to our wide research and knowledge base, through activities which enhance business - academic partnership and mobility.



# ACCESS HIGH CALIBRE STUDENT AND GRADUATE TALENT

**Our students and graduates are highly motivated and have up-to-date skills and knowledge that can benefit your organisation.**

Whether you are looking to recruit graduates or access short-term resource, our Employer Engagement opportunities can bring fresh ideas and knowledge to your business.

The opportunities support a range of organisation requirements and levels of investment, providing you with:

- Direct contact with potential future employees
- Opportunities to have business problems solved by high calibre students and to incorporate cutting edge research into your commercial processes and systems
- Additional resource dedicated to a specific project of business relevance to you
- Important business profile raising for your company with our students and staff.

Entrepreneurial students developing their own innovations and setting up new businesses are always grateful for mentorship and connections to help them advance and progress. If you are interested in finding out more about how to get involved, please contact [studententerprise@soton.ac.uk](mailto:studententerprise@soton.ac.uk)

 **Find out more:**  
[www.southampton.ac.uk/careers/employers/index.page](http://www.southampton.ac.uk/careers/employers/index.page)



## University of Southampton Business School and Riipen

Do you want to help bring real business experience to our talented students? Will you help them improve their employability skills while at the same time tapping into their knowledge and energy to solve one of your own business challenges - all without cost to you? You can find out more on Southampton Business School's portal on Riipen.

Students can engage with you as part of a module they are studying, as a virtual internship or a short-term challenge. Past and current projects include: developing a digital marketing strategy for a telecommunications company; within your business context, developing a Visual Basic for Application (VBA) app for automating processes in Microsoft Excel, to address a data analytics challenge; addressing a contemporary HRM challenge you're faced with (e.g. incorporating equitable practices that are inclusive and meet current diversity standards) and identifying a strategy to address the issue; and evaluating the customer experience for a service-based organisation.

 **Find out more:**  
[app.riipen.com/southampton/profile](http://app.riipen.com/southampton/profile)

# COMMERCIALISING INNOVATION



UNIVERSITY OF  
**SOUTHAMPTON**  
SCIENCE PARK

**Southampton Science Park focuses on the commercialisation and growth of innovative ideas, working to ensure that South Coast science and technology businesses break through and take their place on the world stage. It is home to around 100 game-changing companies at all stages, from start-ups and SMEs working on investment to scale-up, to industry-leading multinationals.**

Here, we propel businesses forward by equipping them with: high quality, prestigious commercial property and specialist facilities with flexible leases that keep pace with their growth, offering appropriate business support, collaboration and funding opportunities, the support of an on-site leadership team that has a deep understanding of the complex needs of science and technology businesses, and by providing an award-winning, healthy working environment designed to engender pride and staff retention.

## Business Property

- **A varied portfolio** of high-quality office, laboratory, workshop and meeting facilities set in 75 acres of landscaped parkland.
- **Science Centre:** dedicated research facility comprising self-contained category 1 wet and dry laboratories with associated office space.
- **Incubation Centre:** shared space with tiered membership options, designed for individuals, start-ups and small businesses, as well as corporate employees who wish to work remotely.
- **Engineering Centre:** multi-occupancy building comprising a variety of office and workshop spaces, co-located with the Future Towns Innovation Hub.
- **Axis Conference Centre:** an inspirational conference and events venue with state-of-the-art audio-visual equipment, flexible layouts, and full catering provision.

Find out more:  
[www.science-park.co.uk](http://www.science-park.co.uk)



## Business Support

- **Catalyst Business Accelerator:** This prestigious and fully funded programme delivers world-class mentoring and workshop learning and more.
- **SETsquared Southampton:** The most successful university business growth incubator in the world, SETsquared gives knowledge-based companies support to grow into global leaders.
- **SETsquared Southampton's Business Growth Programme:** This programme provides targeted, bespoke, problem-solving interventions to help companies scale rapidly and sustainably.
- **Innovation Ecosystem:** From practical and engaging Lunch & Learn webinars to Chief Executive's Breakfasts, we create and host regular networking and learning events for staff at all levels.



**For further information contact:**

The Business Engagement Team

Research & Innovation Services

[business@soton.ac.uk](mailto:business@soton.ac.uk)

[www.southampton.ac.uk/business](http://www.southampton.ac.uk/business)