

Are you living in
Halton and thinking
about going to
university?



Find out how you and Sci-Tech Daresbury can benefit one another



Sci-Tech
DARESBUY

The logo for Sci-Tech Daresbury features a stylized network of nodes and lines. A central gold-colored node is connected by thin gold lines to several other nodes of varying colors (orange, green, and yellow) arranged in a fan-like pattern. Below this graphic, the text "Sci-Tech" is written in a gold, sans-serif font, and "DARESBUY" is written in a grey, sans-serif font.

Sci-Tech Daresbury Overview

Sci-Tech Daresbury (www.sci-techdaresbury.com) is a national science and innovation campus located on the eastern edge of Halton Borough. It is home to more than 150 technology companies/organisations.

These include Daresbury Laboratory, which provides expertise into accelerator science projects around the world, such as the Large Hadron Collider. Sci-Tech Daresbury is also home to the UK's largest supercomputer dedicated to Research & Development.

Many of the companies on site are growing very rapidly, and in particular developing their business internationally.

This year we expect around 200 new roles to be created in our companies. They require highly-skilled people with around three-quarters of employees having a bachelors degree or even Masters degree or PhD.



Keeping it Local!

Sci-Tech Daresbury has a very specific interest in engaging with students from schools and colleges in Halton who are planning to go to university

Sci-Tech Daresbury companies have a strong interest in recruiting people into their business who have strong local roots in Halton. From experience they are typically more committed to working in local businesses and being part of their success

Sci-Tech Daresbury companies have specific challenges in recruiting talent into their businesses in the following areas:

- Engineering of all types
- Computer Science
- Maths & Physics
- Sciences subjects such as Chemistry,
- Biology and Biochemistry



Keeping it Local – Continued

Sci-Tech Daresbury has a very specific interest in engaging with students from schools and colleges in Halton who are planning to go to university

It is easier for university students from Halton to take advantage of summer work placements or year in industry placements in Sci-Tech Daresbury companies

Consequently Sci-Tech Daresbury and the companies/organisations on the campus are keen to meet up with Halton's university students, who are interest in either work placements or job opportunities in Sci-Tech Daresbury companies/organisations. In particular we want to make contact with those studying in the following subject areas:

- *Engineering*
- *Maths*
- *Physics*
- *Computer Science, Cyber Security or Data Analytics*
- *Biology, Biochemistry, Chemistry or Material Sciences*
- *Economics*
- *Marketing*
- *Business or Management*





Interested? Keep reading!

If you would be interested in finding out more about:

- *Sci-Tech Daresbury and STFC Daresbury Laboratory*
- *The businesses that are located here*
- *The job, internship & work experience opportunities that could be available to you.*

*Then please complete the form linked **on the website** so we can keep in touch with you during your time at university. We will be organising on-line events and visits to the campus, so you can find out more about what is going on here, meet some of the companies that are based here and find out more about the type of people they want to recruit.*

We can also help circulate your CV and contact details to companies on the campus if you are looking for year in industry, internship or work-experience placements or if you have graduated and are looking for your first job.

If you have any questions please get in touch with us here:

info@sci-techdaresbury.com



Facilities and activities at Sci-Tech Daresbury

Sci-Tech Daresbury is an open campus with a range of facilities and activities.

It has a canteen restaurant, café (with Costa franchise) and a small, well-equipped gym on the site.

There are active running and walking groups along with fitness classes each week.

In addition there are a range of networking events and activities helping companies to develop their business as well as understanding developments in a range of technologies.





Sci-Tech
DARES BURY



Check out some examples of the companies based at Sci-Tech Daresbury and their stories

The organisations at Sci-Tech Daresbury range from start-up companies to large international corporates such as IBM, Hitachi and Croda.

They cover the following four sectors:

- Advanced Engineering/Materials
- Biomedical and Healthcare
- Digital/ICT
- Energy & Environmental Technology



PERFECTUS BIOMED

[Perfectus Biomed](#) Group provide accredited standard assays and innovative customised methods for microbiological testing. The company works with clients worldwide, including the UK, Europe, USA, Australia and South Africa in the wound care, cosmetic, medical device, pharmaceutical, biocides and orthopaedic sectors. Founded by CEO Dr Samantha Westgate in 2012 Perfectus Biomed has achieved not only significant growth in revenue and staff but also an enviable reputation for the highest quality testing. Working with clients in a collaborative way to ensure methods are fit for purpose, demonstrating real-world scenarios wherever possible.

Demand for Perfectus Biomed's microbiological testing services has increased significantly particularly during the Covid pandemic, and the company's service offering has expanded to include comprehensive molecular and cellular testing services. This latest laboratory expansion will enable the lab teams to have a dedicated workspace for each testing service it provides.

Alongside this physical growth, [Perfectus Biomed](#) is also continuing to invest in its people and has doubled its staff numbers in the last year. Alongside this it has merged with Wyoming based laboratory, Extherid Biosciences. The merger has resulted in the creation of Perfectus Biomed Group with two operating subsidiaries in the USA and UK.

Dr Sam Westgate, chief executive officer of Perfectus Biomed, said:

“It has been a record year for our team and this organic growth has meant that we are now starting to outgrow our current workspace. We felt it was the right time to take the next step in our development as we look ahead to the future and prepare to expand our offering even further.

PERFECTUS BIOMED

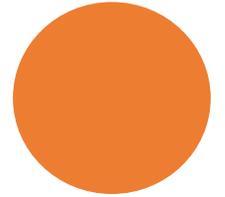
“We’re also very excited to have increased our team size our site here at Techspace One. Clients are aware of the prestige of the site a in the last year and to have bolstered it with a range of senior and specialist roles. We’re always on the lookout for emerging talent to join our ranks and we are proud to invite both clients and interviewees to our site here at Techspace One.

Clients are aware of the prestige of the site and the reputable companies based here.

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ORCHA

Liz Ashall-Payne, co-founder and CEO of [ORCHA](#) (Organisation for the Review of Care and Health Applications), a live resource for rated and reviewed medical and health care apps, believes that Sci-Tech Daresbury enjoys a community in which the company can grow and thrive.

After years of working in various health related roles, Liz started ORCHA with Tim Andrews in 2015, having noticed that while the uptake of Digital Health solutions is growing, many apps seemed either out of date, not data secure, clinically safe or meeting design standards, never mind reaching those most in need. Of the 365,000 available to download today only 15% pass even a basic evaluation.

ORCHA has grown from an innovative health concept to its current position as the world leader in health and care app assessments, driving standards and helping NHS and care organisations across the world to capitalise on the power digital health apps have to offer. ORCHA is also part of the NHS Accelerator Programme and already works with many CCGs and NHS trusts in England.

Liz said: “Our core work is reviewing health apps and we do so more than anyone else globally. With thousands of apps available to download, it is more important than ever to have a rating system in place, to provide the public and medical professionals confidence in using these apps for healthcare.



ORCHA

Based at Vanguard House with an initial staff of five, ORCHA now employs around 50 people and Liz is planning to recruit another 100 people whilst opening offices in London and the Netherlands (<https://orchahealth.com/can-you-help-orcha-recruit-its-exec-team-and-100-new-positions/>).

She said: “Our digital platform is multi-award-winning because it’s proven to improve the long-term outcomes of our patient population. Now, with digital health rapidly emerging as the major new frontier in healthcare delivery globally and being at the forefront of this fast moving and exhilarating environment, we need to grow further.

“We have grown quickly, but Sci-Tech Daresbury provides a community where they want to support you for your whole journey. It’s a fantastic location, extremely well-connected internally and externally and there is no doubt that, as we originally hoped it would, it’s helped us establish ourselves and thrive and will aid our expansion ambition.

“And it’s the location that is critical to our growth both in terms of who we can collaborate with here but also in drawing in talent. It’s really difficult finding talent in niche areas particularly in digital and everyone is fighting for the same people. But being located here means we can draw talent in from Liverpool, Cheshire and Manchester and from a number of different universities, which will help us grow our workforce which is absolutely vital in achieving our growth ambitions.

Want to improve your health and wellbeing during COVID-19?

Health apps can make a big difference. We've reviewed thousands of apps so you can find the best and the safest.

Service provided by  ORCHA

Discover the best apps to improve your health at stwapps.orcha.co.uk

 Shropshire, Telford & Wrekin
Sustainability and Transformation Partnership



IBM Research and the Hartree Centre

Five years ago, 1 February 2013, the Science and Technology Facilities Council's (STFC) Hartree Centre was formally opened, bringing together a critical mass of computational scientists and engineers from STFC and IBM to reap economic benefits from advanced computer architectures and address important challenges for commercial businesses. [Kirk E. Jordan](#), IBM Distinguished Engineer and Chief Science Officer, UK, IBM Research, who has been involved since its inception, reflects on five years of innovation in high performance computing and data science.

Early on, the focus of the Hartree Centre was to exploit high performance computing (HPC) for industrial benefit. The work horse systems were based on several IBM Blue Gene supercomputers and there were a dozen research projects including; next generation weather and climate algorithms, dissipative particle dynamics (DPD), computational fluid dynamics (CFD), consumable HPC for chemists; wheat genome data set and insurance risk analysis using disaster modelling such as earth quake rupture or hurricane simulations.



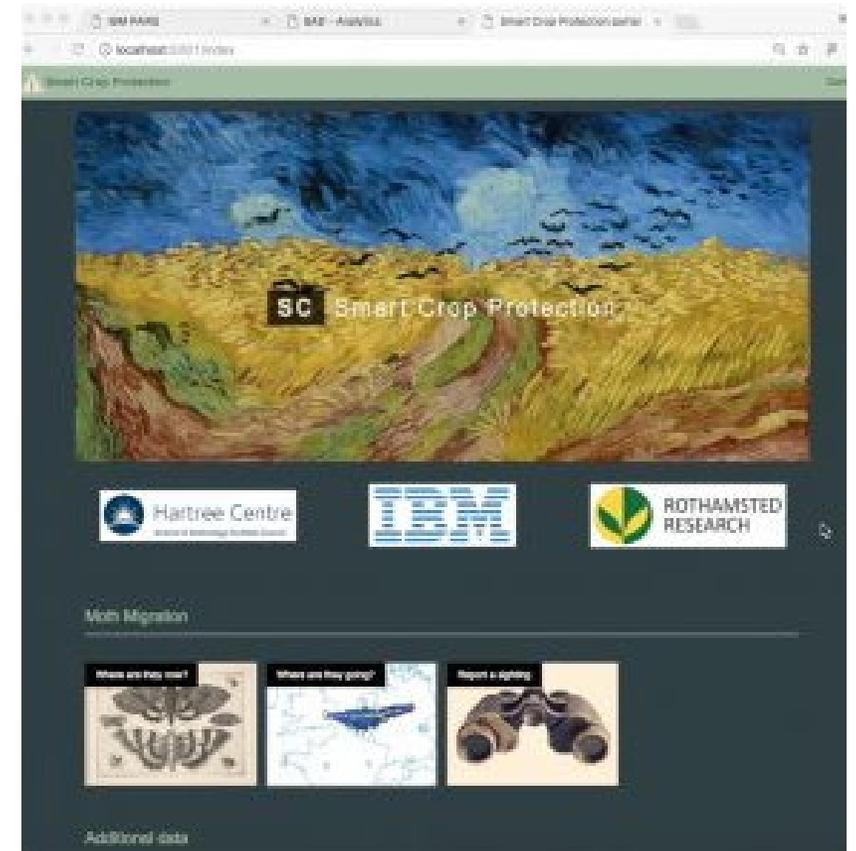
IBM Research and the Hartree Centre

Just a year after the opening of the Hartree Centre, the HPC world was changing from an emphasis on floating point computation to bring more focus on data, which is why IBM put a focus on [data centric solutions](#).

In the UK, IBM Research and STFC joined together to take the data centric solution one step further to encompass cognitive computing.

Here we are five years later and the Hartree Centre and IBM are continuing to deliver on the original vision. The research collaboration has grown from a few research projects between teams separated by the Atlantic Ocean to bring more than 26 IBM Research staff based at Daresbury Laboratory connecting technologies from IBM's global labs with STFC staff.

Together STFC Hartree Centre and IBM Research are currently working with 18 UK companies, e.g. Unilever, EDF Energy and many institutes, e.g. Rothamsted Research, to demonstrate that data centric cognitive computing can impact on their competitiveness. We expect to add an additional two dozen firms and organizations to this list by the end of the year.



EJ Peak Technology Solutions

Established in 2004 by a senior team of industry experts, Peak Technology Solutions is now a leader in control and automation technology services, with highly qualified engineers offering technical excellence in process control, plant automation, SCADA, PLC, telemetry and IT/OT complementary technologies.

Their clients span a number of sectors, including manufacturing, utilities and pharmaceuticals, and we pride ourselves on building long-lasting working relationships by operating as part of our customers' teams.

In 2019, Peak Technology Solutions was acquired by [Edwin James Group.](#), a UK market-leader in facilities engineering. They have streamlined multiple, successful brands to create a national operator, positioned for long-term growth

Peak's success is due to the hard work and commitment of our people and we are always on the lookout for high potential automation professionals to join our team, including: Control and Automation Engineers; IT/OT Engineers; Automation Specialists (MES); Graduate Engineers.

