

# Welcome to Physics and Astronomy

22 Sept 2025, introduction for Foundation and Y1 students

Discussion:  
What inspired you to  
study physics?

What are you most  
excited about learning?



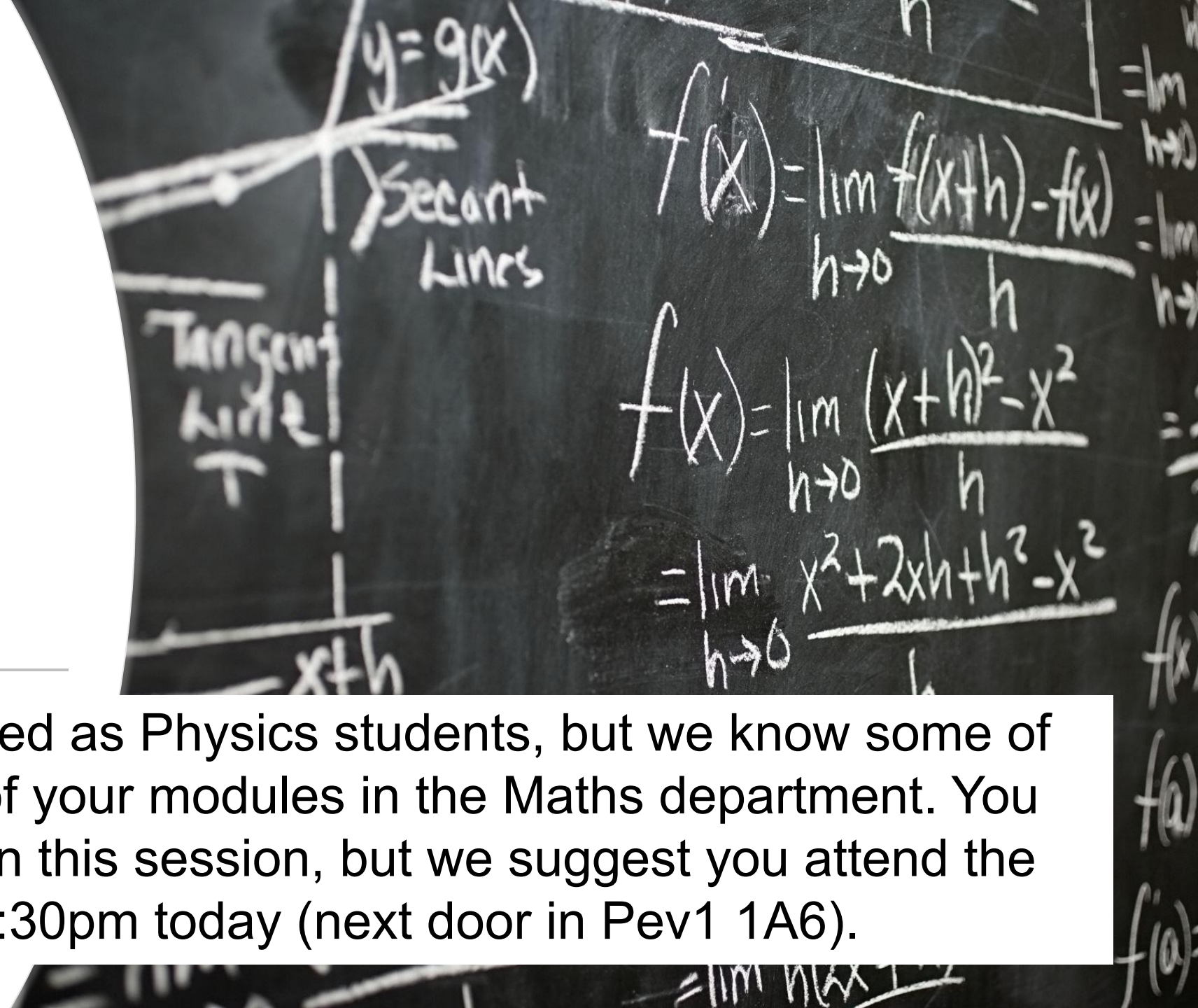
Join at:  
**vevox.app**

ID:  
**139-304-163**



# Welcome Visiting and Exchange students!

All of you are registered as Physics students, but we know some of you are taking most of your modules in the Maths department. You are welcome to stay in this session, but we suggest you attend the Maths sessions at 12:30pm today (next door in Pev1 1A6).



People

# Head of Department

## Prof. Stephen Wilkins

- Pevensey III 4C21
- [s.wilkins@sussex.ac.uk](mailto:s.wilkins@sussex.ac.uk)
- Responsible for setting the vision, overseeing teaching quality, research activity, and curriculum development.
- Research focus is observational and theoretical astrophysics.



# Head of Teaching

## Prof. Sebastian Jaeger

- Pevensey 2, 5A15
- [s.jaeger@sussex.ac.uk](mailto:s.jaeger@sussex.ac.uk)
- Oversees the curriculum - content, assessment structure, accreditation etc - and aspects of its delivery
- Research focus is Theoretical Particle Physics – flavour physics and physics beyond the Standard Model



# Academic Senior Tutor (AST)

## Dr. Clark Griffith

- Pevensey II, 4A1
- [w.c.griffith@sussex.ac.uk](mailto:w.c.griffith@sussex.ac.uk)
- Responsible for organising and providing academic support for undergraduate students in Physics & Astronomy.
- Research focus is experimental particle physics - detection and understanding of neutrinos.



# Foundation Year Convenor

## Dr. Maire Gorman

- Pevensey II, 4A16
- [M.N.Gorman@sussex.ac.uk](mailto:M.N.Gorman@sussex.ac.uk)
- Serves as Academic Personal Tutor (APT) for all Foundation Years Students - more later!
- Research background in astrochemistry (molecules in exoplanets, brown dwarfs, sunspots) and current focus in physics education research.



# FY Autumn Module Convenors

Foundation  
Mathematics A



Daniel Litm

Foundation  
Mechanics



Lily Asquith

Properties of  
Matter



Lisa Falk

Foundation  
Physics Lab A



Clark Griffith

# Y1 Autumn Module Convenors

## Modules for all Y1 students:

Mechanics



Stephan Huber

Foundations of  
Data Analysis



Maire Gorman

Math Methods 1



David Seery

Physics Study  
Success



Kathy Romer

# Y1 Autumn Module Convenors

**Y1 students will have one of these modules  
(depends on course or option choice):**

Analysis 1



Kirsten Leslie

Intro to  
Astrophysics



Das Baskill

Intro to Quantum  
Physics



Fedja Oručević

# PS staff

Important Professional Services staff for you to know:



Your **course coordinator**  
for physics:  
Hannah Garrick

**Student Experience**  
**coordinator** for physics:  
Amy Wilkins



Find them in the FoSEM Teaching Support office (Chichester Rm 002)

# Essentials

# Essentials | Your course

- We are all here to study physics! Depending on your course, this will mean 3, 4, or even 5 years of your life committed to a subject we hope you love as much as we do.



- The main aim of your course is that by the end of your studies, you will have the skill set of a professional physicist, which opens up a large range of potential careers paths



Academia  
Climate science  
Education  
Engineering  
Cyber Security  
Medical Physics & Digital Health Care  
Data Science  
....

Government  
Finance  
Law  
Renewable Energy  
Artificial Intelligence and Robotics  
Video game development  
....

# Essentials | Your course

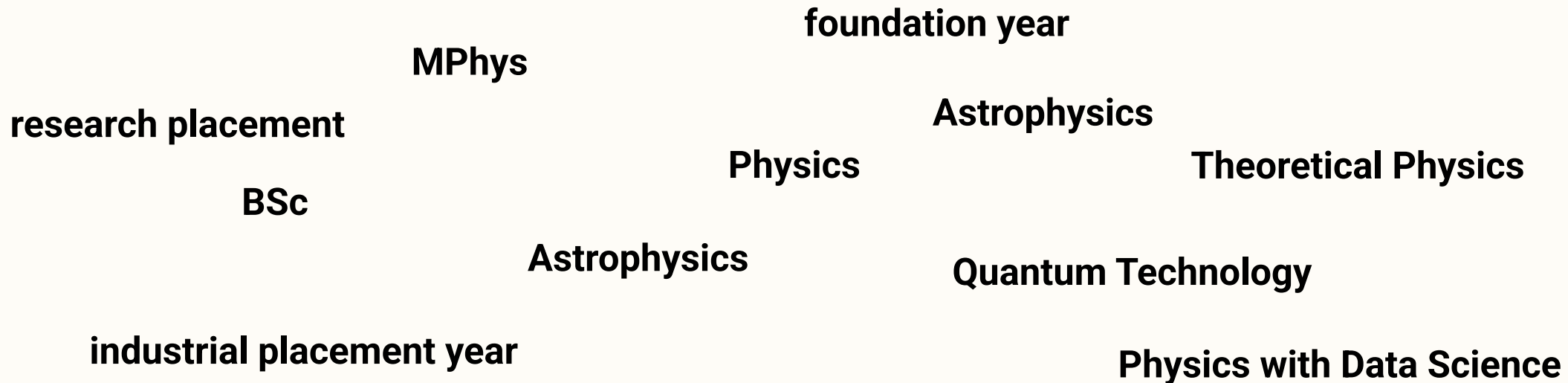
- It will be challenging but rewarding.



- You will need to treat it as a full-time job. Our curriculum and assessment assume a weekly time investment of around 40 hours during term time and during the assessment periods following them (close to 30 weeks in total per year)  
(compare: 120 Credits/year  $\leftrightarrow$  1200 study hours/year = 40 hours/week \* 30 weeks/year)
- Be careful with scheduling other large commitments in parallel to study periods, such as work. You need time to rest, socialize, for hobbies, etc.

# Essentials | Your course

- Your course can have many different titles:



- Read about the different physics options here:  
<https://www.sussex.ac.uk/study/subjects/physics-and-astronomy/undergraduate>
- If you think you are on the wrong course talk to Sebastian at the end of this session!
- It may be possible to switch course (in some cases up to year 2). Get advice from your Academic Personal Tutor...

# Essentials

<https://student.sussex.ac.uk/new-students/welcome/checklist>

- complete [registration](#) online
- pick up your [student ID card](#)
- view the welcome week event schedule
  - [University events](#), Student Union [events](#)
  - School of Mathematical and Physical Sciences [events](#)
- access student support services at the [Student Centre](#)
- [register for a doctor](#)
- get connected...



# Essentials | Get connected!

One of the best pieces of advice for new students is to get connected and stay that way!

- **WiFi:** eduroam.
- **Email:** Login to your Sussex email now and every day.
- **SussexMobile:** Download the app - this is needed for logging your attendance
- **Sussex Direct:** access your timetable, personal details, fees, library account...
- **Canvas:** access your Virtual Learning Environment

Any tech problems, go to [IT Services](#) (ITS)

# Essentials | Misconduct

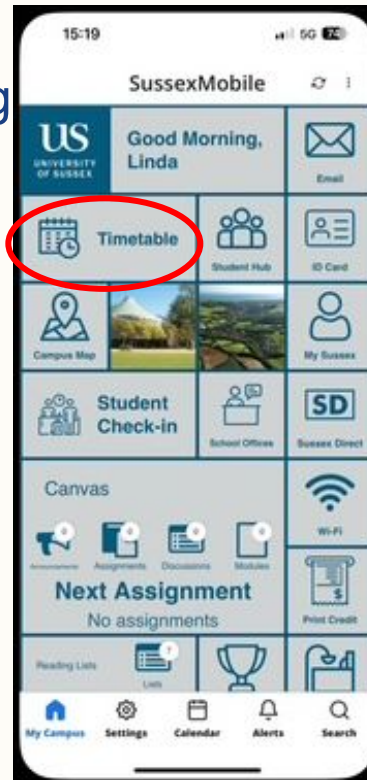
- We aim to foster a safe, inclusive, and respectful learning environment
- We are committed to protecting our community and preventing and tackling harassment and sexual misconduct
- **All students and staff** are required to complete training developed in partnership with the Higher Education sector. The training will help you understand
  - what constitutes harassment and sexual misconduct
  - the impact it has, key University policies
  - disclosure and reporting, self-care
  - how to find out more
- This training is required by the Office for Students (OfS), and must be completed ***before*** you can access Sussex Direct

Access the training here: <https://canvas.sussex.ac.uk/courses/37724>

# Essentials | Timetable

- Make sure you know where to see your timetable:
  - through a browser via Sussex Direct  
<https://direct.sussex.ac.uk/login.php>
  - or use the SussexMobile App
- Double check that you know where to go ahead of time
- **Be aware!** The timetable may change, especially at the start of term

Take a look now!



Term	Autumn Semester	Week	1	Year	25/26	Total time: 20 hours
	Monday 29 Sep	Tuesday 30 Sep	Wednesday 1 Oct	Thursday 2 Oct	Friday 3 Oct	
08:00						
08:30						
09:00	Foundations of Data Analysis (Lecture 1) Fulton Building FULTON B					
09:30						
10:00		Maths Methods 1 (Lecture 1) Arts A A01	Mechanics (Workshop 2) Pevensey 1 1B4			
10:30						
11:00						
11:30				Foundations of Data Analysis (Lecture 1) Fulton Building FULTON A	Maths Methods 1 (Workshop 1) Arts A A02	
12:00				Maths Methods 1 (Lecture 1) Fulton Building FULTON A	Maths Methods 1 (Lecture 1) Fulton Building FULTON B	
12:30						
13:00						
13:30						
14:00		Mechanics (Lecture 1) Pevensey 1 1A7			Maths Methods 1 (Lecture 1) Arts A A01	
14:30						
15:00		Foundations of Data Analysis (Workshop 1) Pevensey 1 1B4 (15:00-17:00)				
15:30						
16:00		Foundations of Data Analysis (Workshop 1) Pevensey 1 1B5 (15:00-17:00)		Mechanics (Lecture 1) Pevensey 1 1A7		
16:30						
17:00						
17:30						
18:00		Mechanics (Lecture 1) Pevensey 1 1A7		Foundations of Data Analysis (Seminar 1) Pevensey 1 1B5 (18:00-20:00)		
18:30						
19:00						
19:30				Foundations of Data Analysis (Seminar 1) Pevensey 1 1B4 (18:00-20:00)		
20:00						

# Essentials | Canvas

Canvas is the **Virtual Learning Environment** for all of your modules

- each module has a Canvas page
- try it out: <https://canvas.sussex.ac.uk/>
  - not all of your modules will be accessible yet...
  - all should be available by the end of the week
- access module information, study materials, lecture video capture, problem sets...
- most coursework will be submitted via Canvas

The screenshot displays the Canvas LMS interface for the University of Sussex. The left sidebar contains navigation links: Account, Dashboard, Modules, Calendar, Screenshot, Inbox, History, and Help. The main content area is titled 'F3303: Physics Foundation Year Laboratory A' and includes a sub-header '2025/26 Autumn Teaching'. Below this, a list of navigation options is shown: Home, Discussions, Assignments, Units, Grades, Panopto Recordings, People, Skills Hub, Zoom, and Module Evaluation. The 'Recent announcements' section features a heading 'Physics Foundation Year Laboratory A [25/26]'. A dark green bar labeled 'Key information and resources' contains six items: Module information, Reading list, Meet the module team, Module recordings, Assignments and Guidance, and Discussions. A red bar at the bottom of this section provides support links: ITS Service Desk, Library, Student Hub, Student Centre, and Disability Support. The 'Module program' section lists two weeks: 'Week 1: Introduction and module overview' and 'Week 2: Analysis workshop – measurements and their errors'.

US UNIVERSITY OF SUSSEX

F3303: Physics Foundation Year Laboratory A

2025/26 Autumn Teaching

Home

Discussions

Assignments

Units

Grades

Panopto Recordings

People

Skills Hub

Zoom

Module Evaluation

Recent announcements

Physics Foundation Year Laboratory A [25/26]

Key information and resources

Module information >

Reading list >

Meet the module team >

Module recordings >

Assignments and Guidance >

Discussions >

Support: [ITS Service Desk](#) | [Library](#) | [Student Hub](#) | [Student Centre](#) | [Disability Support](#)

Module program

Week 1: Introduction and module overview >

Week 2: Analysis workshop – measurements and their errors >

# Essentials | Attendance monitoring

- Attendance is recorded in all teaching sessions (lectures, workshops, seminars, labs...)
  - *unless notified by module convenor*
- The lecturer/tutor will give you a 4 digit PIN in each session
- Enter the PIN in the [SussexMobile app](#) to record your attendance
  - or you can also use a web browser via <https://sussex.ac.uk/mobile>

**Consistent attendance is a huge factor in having a successful degree!**

**Don't fall into these traps:**

- *“no point turning up to the workshop as I missed the lecture”*
- *“I need to catch-up on the material before I start attending again”*

Learning is non-linear: just by attending will be beneficial (picking up words, getting back into routine, being around peers, access to lecturers)

Even more dangerous: *“I'm struggling with this module so I stop attending”* - each time there is a new topic there is an opportunity for reset.

# Essentials | understand

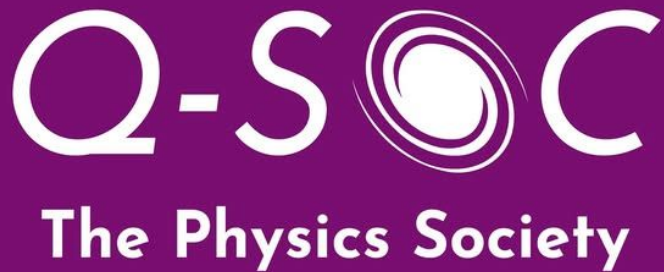
The **Department of Physics & Astronomy** is part of the **School of Mathematical Physical Science (MPS)**. **MPS** is itself one of the constituent schools of the **Faculty of Science, Engineering and Medicine (FoSEM)**.

Various things are organised at the Department, School, and Faculty level!

Advice and Support

# Q-Soc Physics Society

- Q-Soc Instagram: [physicsq\\_sussex](#)
  - Please follow for updates on events or message any queries
- Please find us at the Freshers Fair in Sports Hall 2
- We welcome all physics enthusiasts and pride ourselves on having a strong and welcoming community



# Advice and support

At times you will find yourself needing help or advice. Depending on the situation there are various people who can help:

- **Student Hub / Student Centre** - all aspects of university life (disability support, health and wellbeing, finances, general study skills)
- **Course Coordinator** - administrative / technical support for your course
- **Student Experience Coordinator** - attendance and engagement, signposting for any queries affecting your experience
- **Module Convenor** - first point of contact for module queries
- **Academic Personal Tutor (APT)** - broader queries about your course
  - More complex issues may be referred to the **Academic Senior Tutor (AST)**
- You are always welcome to speak directly with any of the AST, Head of Teaching, or Head of Department about any academic issue!
- **Student Reps** - keep your Rep informed of any issues affecting your cohort

**Urgent/Emergency** situations - always call **Security 01273 873333** when on campus

# Student Hub

<https://student.sussex.ac.uk/>

The Student Hub covers everything...

- from your studies to wellbeing
- student news
- direct links to Sussex Direct, the Library or IT support.

The screenshot shows the University of Sussex Student Hub website. At the top, the University of Sussex logo (US UNIVERSITY OF SUSSEX) is on the left, and links for 'SUSSEX HOMEPAGE' and 'STAFF' are on the right. A search icon is also present. Below the header is a large red banner with the text 'Student Hub' in white. To the right of the banner is a hamburger menu icon. Under the banner, there is a section titled 'Popular links' with a grid of buttons: Email, Library, IT support, Printing, Campus map, Term dates, Skills Hub, Students' Union, Sussex Direct, Canvas, and Student Centre. Below this is a 'Student news' section. The first news item is 'Sussex Uni Food: Welcome Week foodie freebies!' dated 17 September 2025, accompanied by a photo of two people at a food table. To the right of the news section is a light orange box titled 'Apply for on campus housing' with the text 'If you're a returning student we still have some spaces for on campus housing.' and a link 'Find out more'.

**US**  
UNIVERSITY  
OF SUSSEX

[SUSSEX HOMEPAGE](#) | [STAFF](#)

**Student Hub**

**Popular links**

Email Library IT support Printing Campus map Term dates Skills Hub Students' Union

Sussex Direct Canvas Student Centre

**Student news**

**Sussex Uni Food: Welcome Week foodie freebies!**

17 September 2025

**Apply for on campus housing**

If you're a returning student we still have some spaces for on campus housing.

[Find out more](#)

# Student Hub: Disability Support

<https://student.sussex.ac.uk/disability/>

Drop-in every Monday and Wednesday between 2pm–4pm in the Student Centre during term-time.

- Reasonable adjustment support
- Accessibility

If you are a disabled student, have a learning difficulty or ongoing physical or mental health condition please register with the Disability Support team as soon as you can so that we can help put support in place for you.

You can make an appointment to meet with a Disability Advisor via My Sussex: <https://mysussex.sussex.ac.uk/>

## Take note!

- Registering disability is first step towards extra exam time, late penalty waivers...
- If you had support in your A levels it doesn't automatically transfer!
- If you run into problems getting a disability registered talk to Clark

# Student Hub: Health and Wellbeing

Student Hub resources to support your [health and wellbeing](#)

- [Physical health](#)
- [Mental wellbeing](#) including mental health support and services
- Wellbeing events
  - Canine Cuddles - *look out for this term's FoSEM specific dates!*.
  - Wellbeing Cafe: Thursdays 12pm - 2pm, Student Centre atrium
  - Wellbeing Canvas site: <https://canvas.sussex.ac.uk/enroll/JG7KR4> for lots of information and resources, including up to date event listings.

# Student Hub: Funding and Finance Advice

<https://student.sussex.ac.uk/money/>

- General financial advice and information
- What to do if you are in financial hardship
- How to pay tuition and housing fees
- Funding and loan information

The screenshot shows the 'Student Hub' website. At the top is a red header with the text 'Student Hub' in white. Below this is a navigation bar with links: Home, Careers, Experience, International, New students, and Support services. The main content area has a light grey background. It starts with a breadcrumb trail 'Student Hub / Money and funding' in red and black text. Below this is the title 'Money and funding' in large, bold black font. A paragraph follows: 'Find out about the different aspects of student funding and who to speak to if you have financial or cost-of-living worries.' Below this paragraph is a grid of six white boxes, each with a bold title and a short description. The boxes are: 'Funding and loan information' (Find useful funding information and contact us with any queries.), 'Financial support' (Find out what to do if you're experiencing hardship.), 'Scholarships and bursaries' (Check when you'll receive an award and if you qualify for one.), 'Paying fees' (Check how you pay for housing and tuition. Also see our refund policy.), 'Frauds and scams' (Stay safe from criminal tricks that target students.), and 'Money advice' (Address any concerns about paying or receiving money.).

**Student Hub**

Home Careers Experience International New students Support services

[Student Hub](#) / Money and funding

## Money and funding

Find out about the different aspects of student funding and who to speak to if you have financial or cost-of-living worries.

**Funding and loan information**

Find useful funding information and contact us with any queries.

**Financial support**

Find out what to do if you're experiencing hardship.

**Scholarships and bursaries**

Check when you'll receive an award and if you qualify for one.

**Paying fees**

Check how you pay for housing and tuition. Also see our refund policy.

**Frauds and scams**

Stay safe from criminal tricks that target students.

**Money advice**

Address any concerns about paying or receiving money.

# Student Hub: Study support

<https://student.sussex.ac.uk/your-studies/>

Lots of information including:

- Term and exam period [dates](#)
- [Exceptional Circumstances](#) (EC) and submitting claims for these
- [Appeals](#)
- [Skills Hub](#) - study skills, writing advice, referencing...
- [Short language courses](#)



# Student Hub: My Sussex

<https://mysussex.sussex.ac.uk/>

- Information portal including searchable FAQs
- Raise enquiries
- Make appointments with central support teams
- Book onto events

**My Sussex**

## Categories

**My Disability  
Support**

**My Studies**

**My Career  
Development**

**My Exams and  
Assessment**

**My Money**

**My Emotional  
Wellbeing**

**My Home**

**Getting Involved**

**My Life**

**My Uni Admin**

**My Progress**

**My International  
Journey**

**My Campus**

# Student Centre

<https://student.sussex.ac.uk/centre/>

If you can't find what you need on the Student Hub you can visit the Student Centre Welcome Desk in person 8:30am - 5pm Monday to Friday.

The Student Centre is open every day for students to meet, study and use the facilities.



# Teaching support office

- *FoSEM Education and Students Office*
  - FoSEM = Faculty of Science, Engineering and Medicine
  - incorporates schools of MPS (Mathematical and Physical Sciences), Life Sciences, Engineering, Psychology, and Medicine
- **Chichester 1, Room 002**
- Who will you find there:
  - Your course coordinator (**Hannah**)
    - [physicsoffice@sussex.ac.uk](mailto:physicsoffice@sussex.ac.uk)
  - Student Experience (**Amy**)
    - [FoSEM-StudentExperience@sussex.ac.uk](mailto:FoSEM-StudentExperience@sussex.ac.uk)
  - General information and signposting



# Academic Personal Tutor (APT)

Your Academic Personal Tutor (APT) will...

- offer guidance and support in terms of study skills, choosing options, and finding out how to get advice for admin or welfare matters, write reference letters.
- meet with you once or twice each term. Typically you will keep the same APT for your entire degree (if you do foundation year, your APT may change in Year 1).

*They are not there to help with module content (unless they happen to also be the module convenor) or to provide module support. For that, see your module convenor.*

- 3pm today you will meet your APT group
  - **Bridge Social Space** (above the road between Pevensey I and II)
  - 4-6 students in your year with the same APT
  - you will meet your APT with your group sometime in week 1
  - the meeting will show up in your timetable

# Student Reps

Student Reps work on behalf of their cohort to represent their views to the Physics faculty, University, and others.

- Anyone can sign up for this important role through the Student Union
  - <https://sussexstudent.com/student-reps>
- Representatives are needed from every year group (Foundation, Year1, ...)
- You will need to attend school and department meetings to raise issues and give feedback
- Help improve the experience of your fellow physics students!

***Keep in touch with your Student Reps to make sure they are aware of any issues the Department/School/University should know about!***



**Nominate yourself TODAY!**

Make change in your school!  
Find out more and sign up to be a Student Rep at:  
[sussexstudent.com/student-reps](https://sussexstudent.com/student-reps)

Or email us at:  
[studentreps@sussexstudent.com](mailto:studentreps@sussexstudent.com)

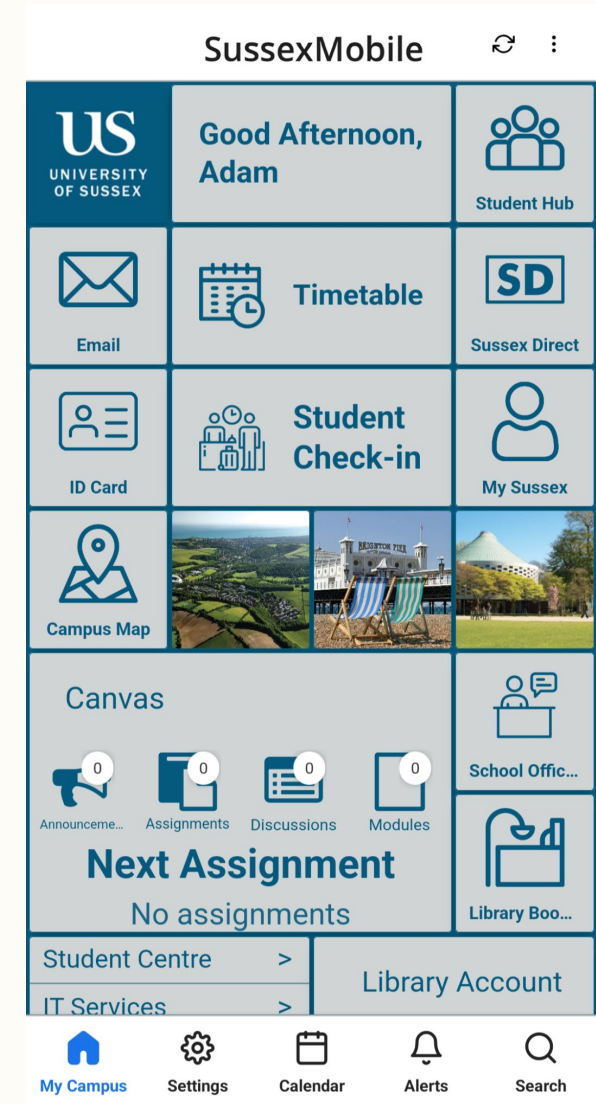
Getting around

# Campus Maps

SussexMobile App

Architecture: Sir Basil Spence, 1961

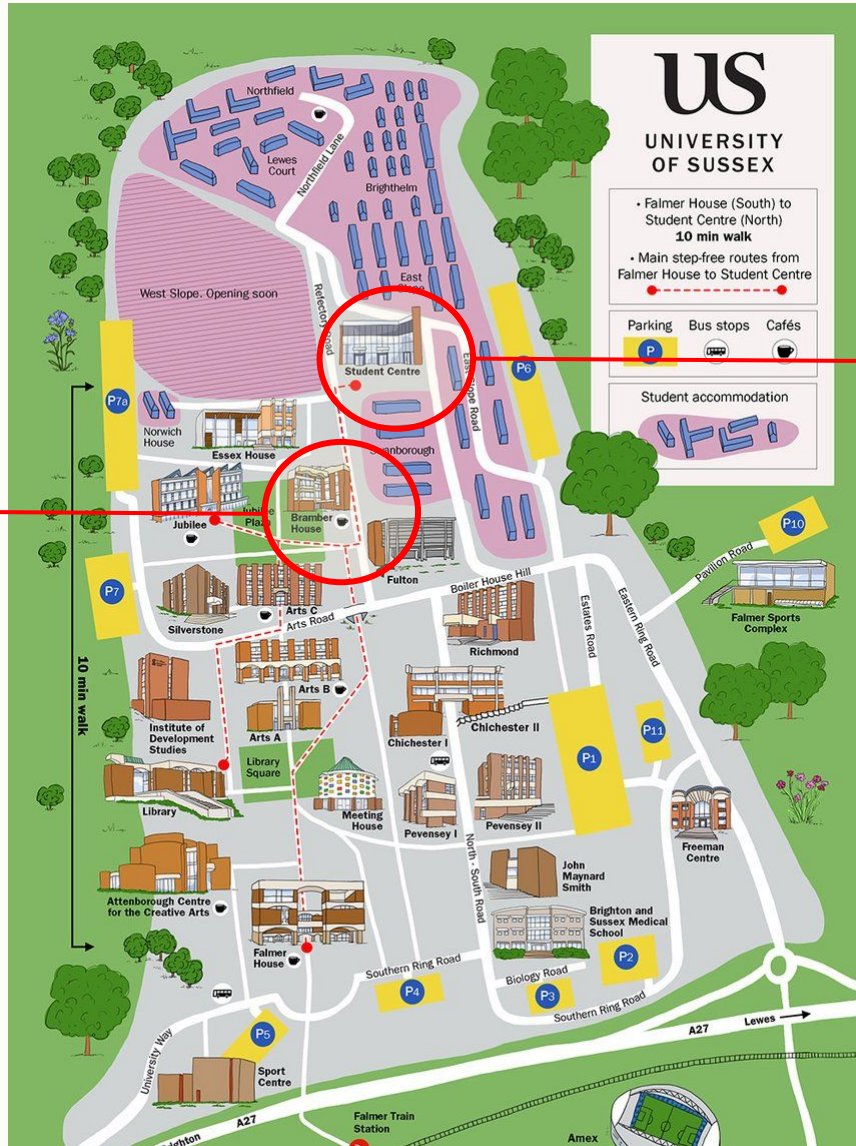
Boundary walk



# Student Services

Bramber House - **Food!**  
Co-op, Eat Central

Campus security base



Student Centre - get support and advice for all aspects of campus life



# Fulton & Jubilee Buildings

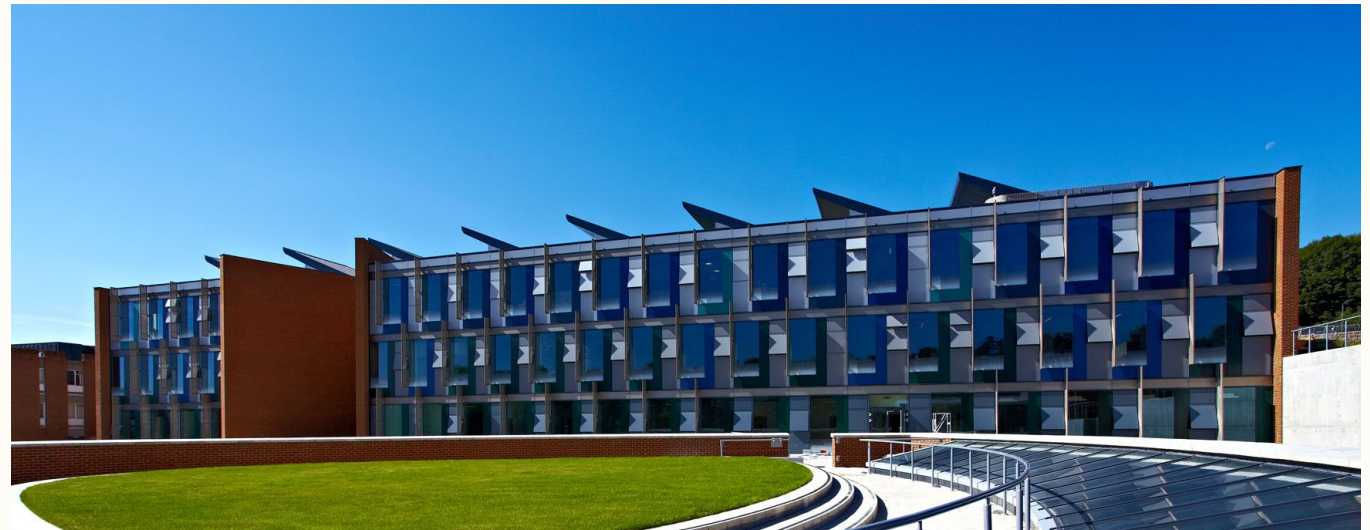


## **Fulton**

Opposite Bramber House  
Connected to East Slope

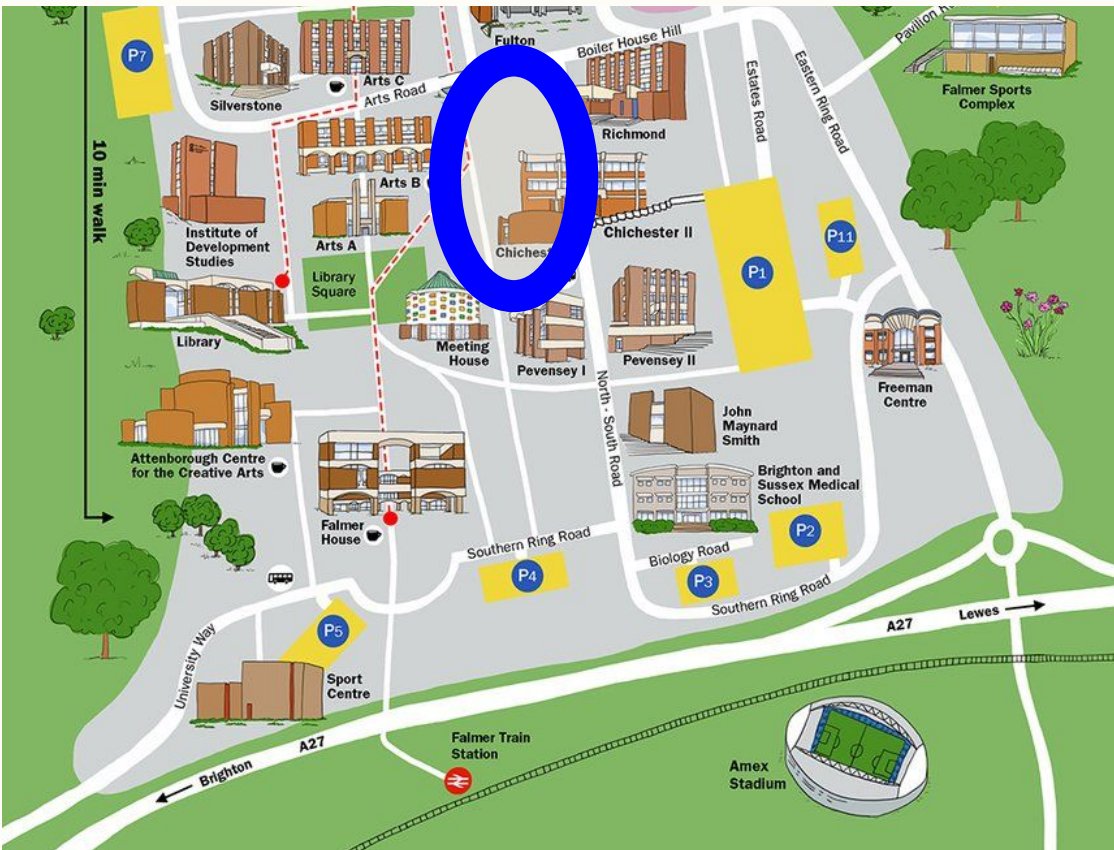
## **Jubilee**

Home of Business School  
Location of Christmas Lecture (2024)



# Shawcross & Chichester

From Bramber House, cross Arts Road (or go under tunnel)



University IT support  
Shawcross building



Teaching Support  
Office  
Chichester 1,  
Room 002

[Instagram Reel](#): how to find Chichester 1 from Falmer Station

# Teaching support office [Reminder]

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  - FoSEM = Faculty of Science, Engineering and Medicine
  - incorporates schools of MPS (Mathematical and Physical Sciences), Life Sciences, Engineering, Psychology, and Medicine
- **Chichester 1, Room 002**
- Who will you find there:
  - Your course coordinator (**Hannah**)
    - [physicsoffice@sussex.ac.uk](mailto:physicsoffice@sussex.ac.uk)
  - Student Experience (**Amy**)
    - [FoSEM-StudentExperience@sussex.ac.uk](mailto:FoSEM-StudentExperience@sussex.ac.uk)
  - General information and signposting



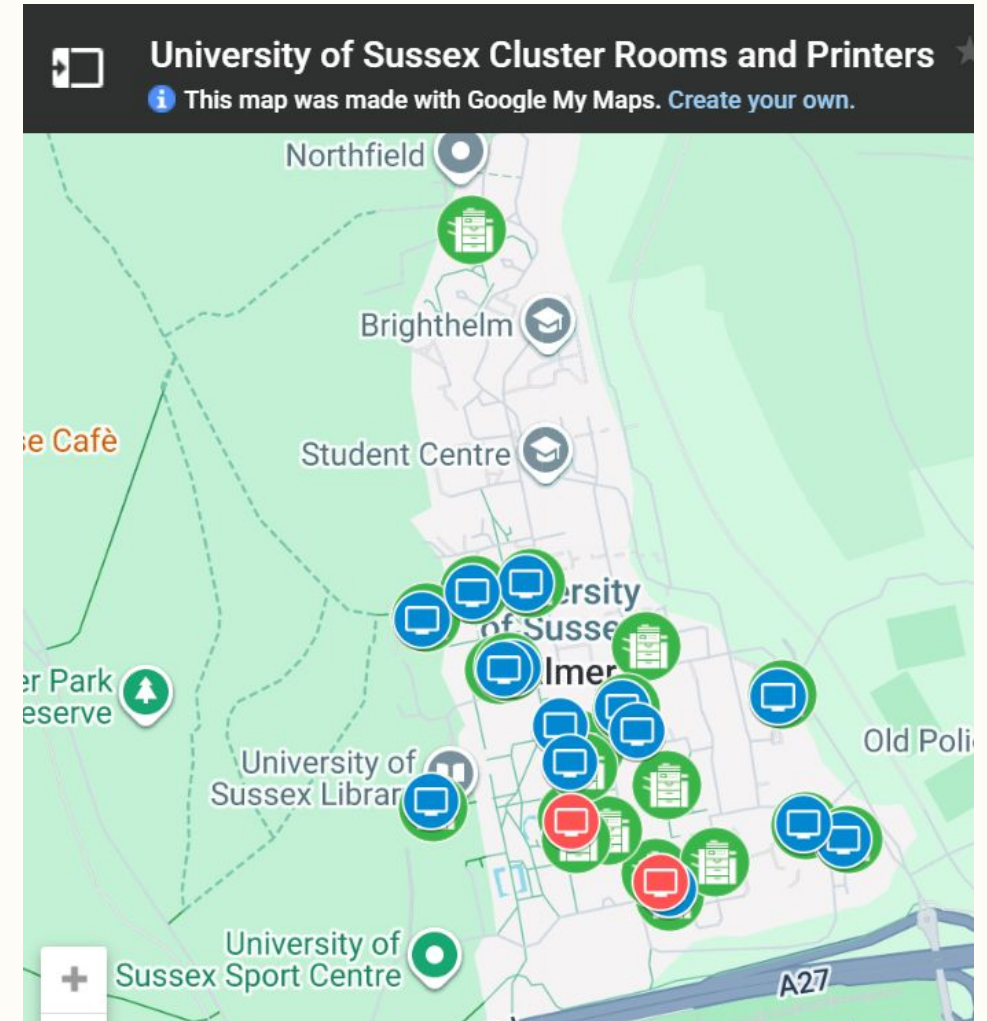
# University Library & Computing rooms



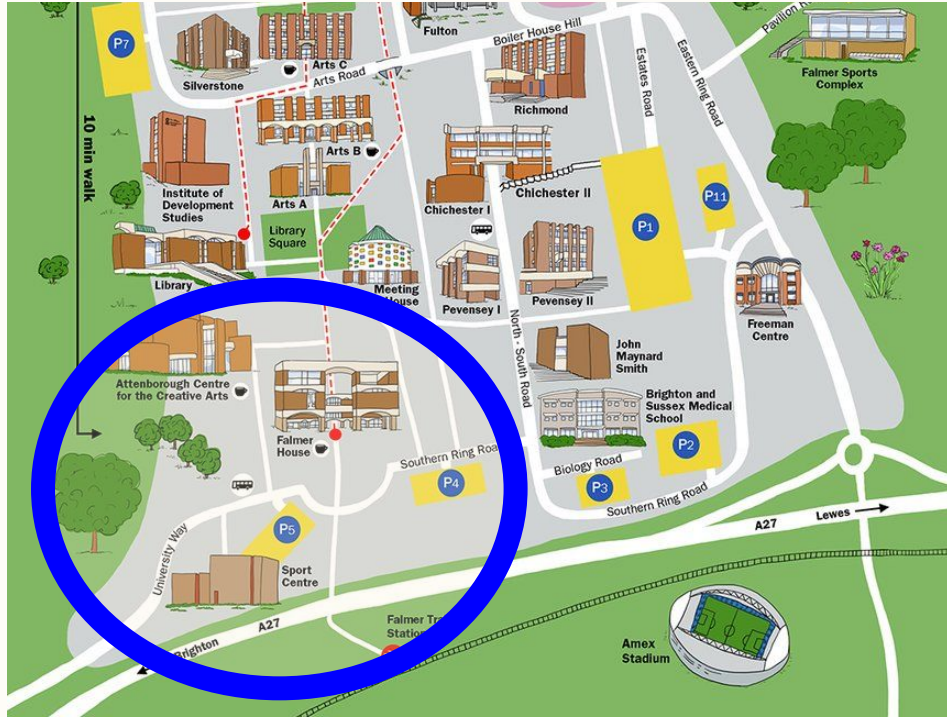
Library Term time opening hours

- Mon - Fri, 8am - 5pm
- Weekends, 9am - 9pm

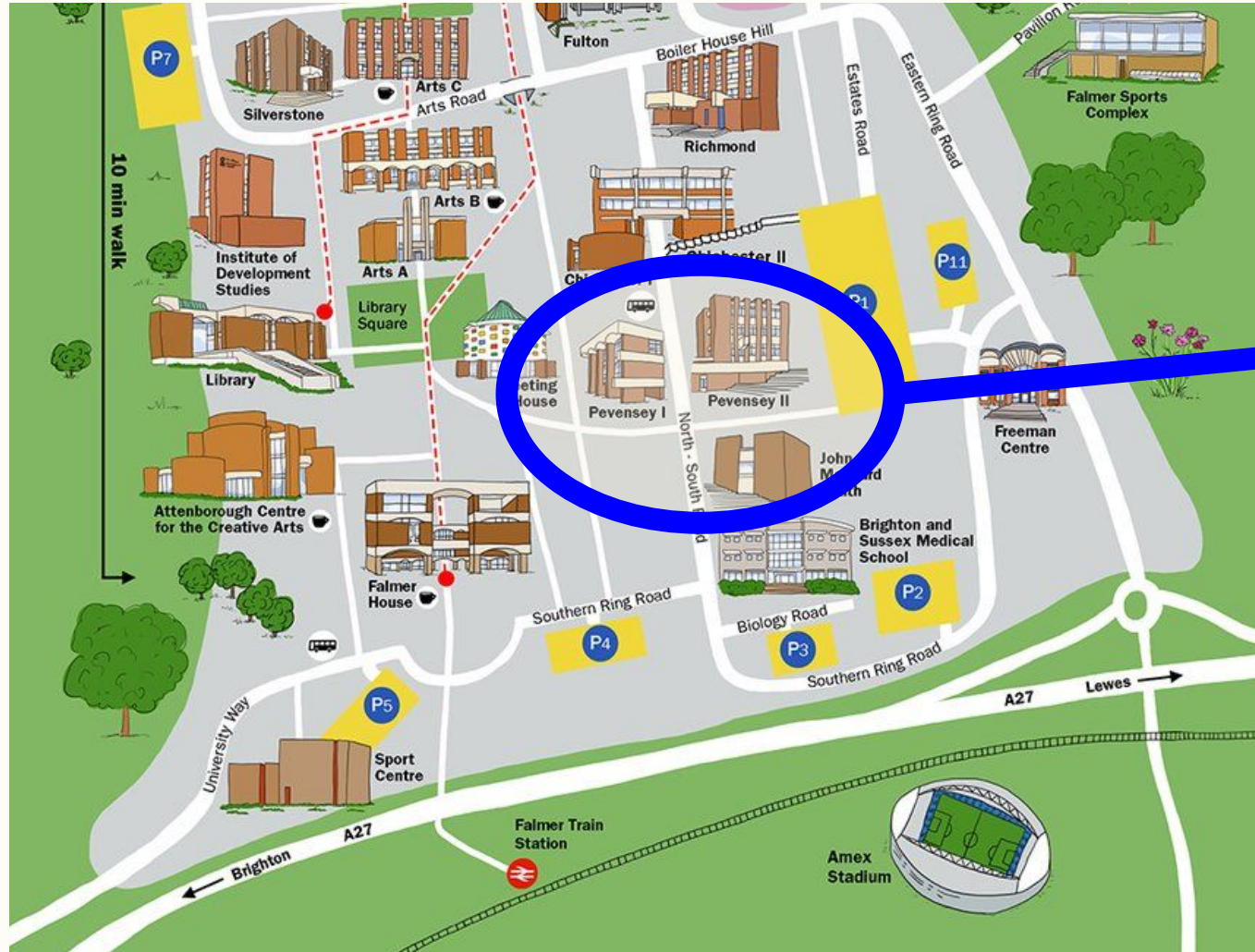
Beside Arts complex (A, B, C)



# Chaplaincy, Student Union, ACCA



# Pevensey I, II and III



- You are here: Pev1 1A7
- In Pevensey II and III:
  - Physics teaching labs
  - MPS student spaces
  - Academic faculty offices

# Student spaces

- In Pevensey II and III:
  - Gauss House for group study and general communal space
  - Wormhole for quiet study
  - Pevensey L3 kitchen for student use
  - PCs and study space in Pevensey 2 foyer
  - Lockers for MPS students in Pevensey 2 (deposit required).



# Physics teaching labs

Found on Level 5 of the Pevensey II building

- In Foundation year you will have labs in Autumn and Spring.
- Year 1 Physics Lab module is in Spring.



# Physics research at Sussex

# Physics research at Sussex

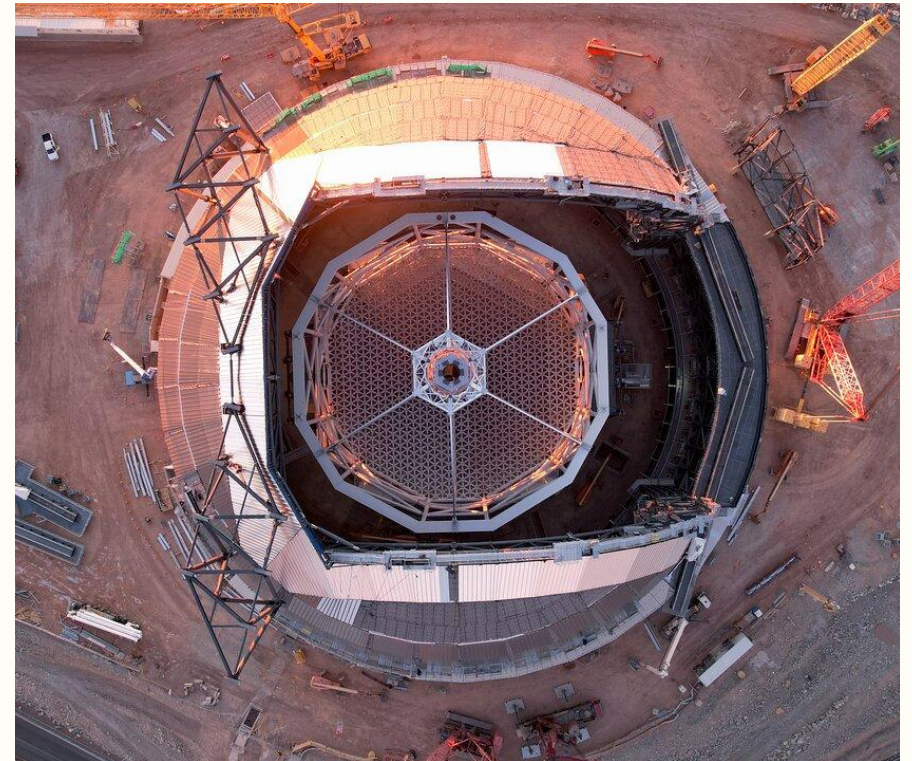
Sussex is a research-intensive university, where all of your lecturers split their time between teaching and cutting-edge research in physics and astronomy.

Our key areas of expertise mix fundamental and applied physics and include **astronomy**, **nanomaterials**, **experimental and theoretical particle physics**, and **quantum computing and technology**.

# Physics research at Sussex

Our **astronomers** specialize in **cosmology** and **extragalactic astrophysics**, seeking to understand how the Universe as a whole—and the galaxies within it—form and evolve.

We have access to world-leading observational facilities, including the James Webb Space Telescope, the Very Large Telescope (and soon the Extremely Large Telescope), the Simons Observatory, DESI, Euclid, and many others. On the theoretical side, our researchers routinely harness some of the world's most powerful supercomputers to simulate the evolution of entire universes.



# Physics research at Sussex

In **Materials Physics**, we process and study nanomaterials with emergent functional properties, for real-world applications.

We develop conductive inks for printed RFID tags and absorbing panels, as have been used on NASA's Europa Clipper mission. We are exploring nanomaterial functionalities for energy devices, such as electrochemical energy storage, solar infrared smart windows, and thermoelectric heat capture. We also design nanomaterial structures and sensors for wearable health monitoring and tissue engineering.

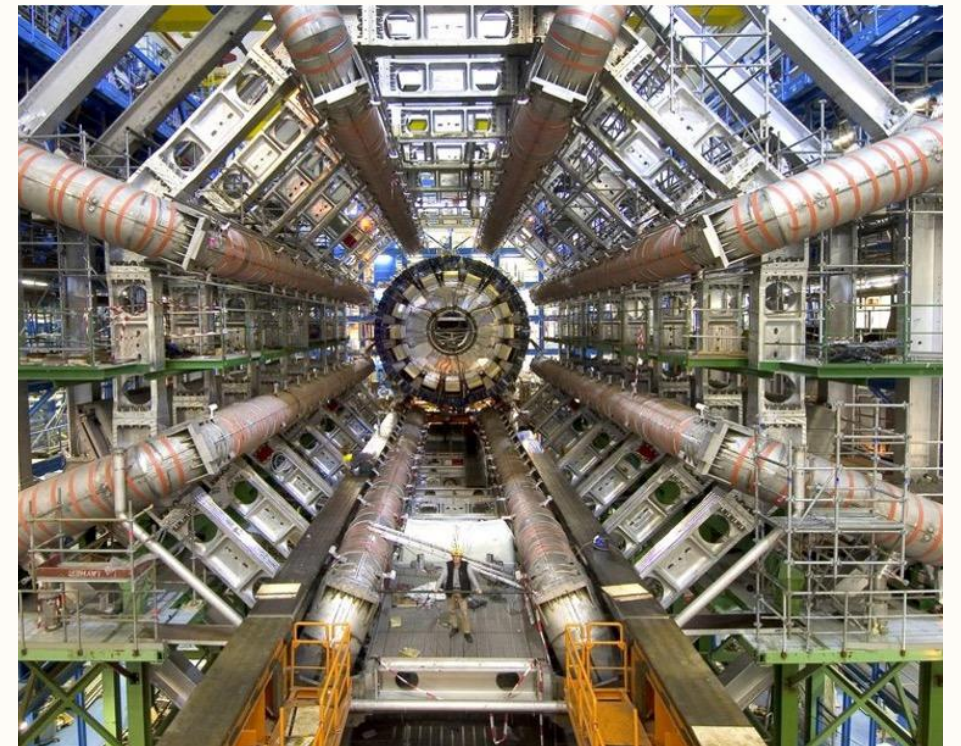


# Physics research at Sussex

Our **particle physicists** seek to understand the fundamental constituents of nature and their interactions through theoretical and experimental approaches.

Our **experimental particle physicists** contribute heavily to the ATLAS experiment at the Large Hadron Collider at Cern. We play a leading role in neutrino detector experiments including DUNE, NOvA, SBND, and SNO+. We are developing the next generation of particle detectors for future experiments.

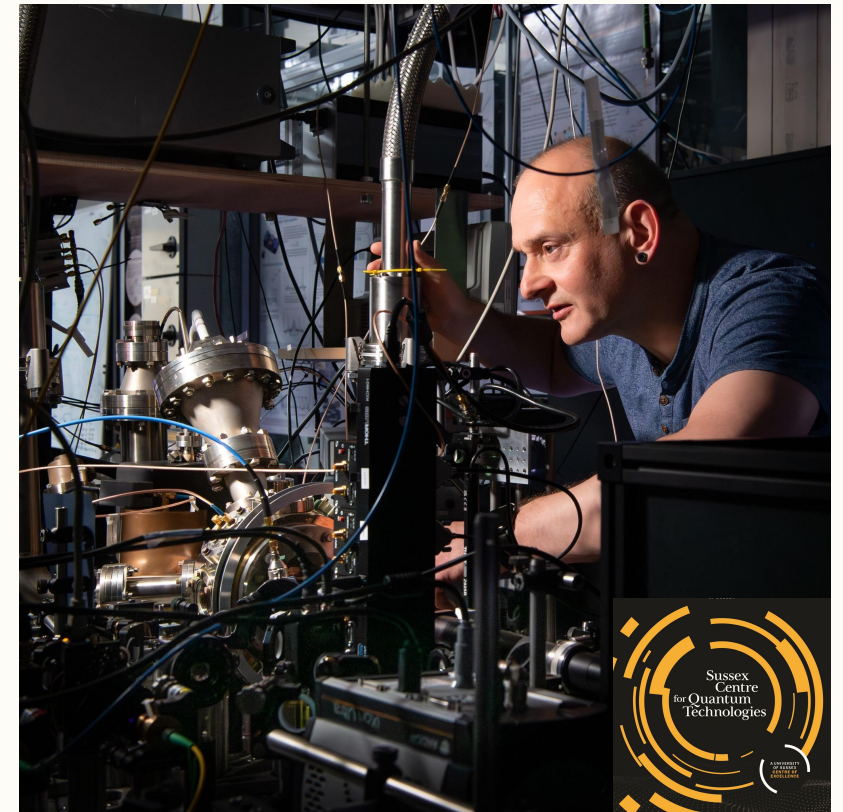
Our **theoretical particle physicists** seek to answer questions such as: What is the origin of masses of elementary particles? What is the quantum theory of gravity? How did an asymmetry between matter and antimatter develop? How can we test these ideas in experiments?



# Physics research at Sussex

Our quantum physicists specialise in developing new **quantum technologies**, and in particular the quantum computers.

**Quantum technologies** use the special rules of quantum physics—like superposition and entanglement—to create powerful new tools. They include quantum computers (for solving complex problems), quantum communication (for ultra-secure data transfer), and quantum sensors (for extremely precise measurements). These advances could transform areas such as healthcare, materials, finance, and security.



# Physics research at Sussex

All of you will have the opportunity to **contribute to our research** through your **final year research project**.

It also possible to do paid research in the summer through the **research placement (RP)** or **junior research associate (JRA)** schemes.

The JRA scheme will be advertised early in the new calendar year.

# Sussex Universe

**Sussex Universe** is the flagship public lecture series of the Faculty of Science, Engineering and Medicine (FoSEM).

Through these talks, you can discover the cutting-edge, world-leading research taking place at Sussex — from pioneering discoveries in science and technology to advances in health and medicine.

The series also includes special highlights such as the ever-popular Astronomy Christmas Lecture, which has become a much-anticipated tradition for audiences of all ages.



## SUSSEX UNIVERSE

Website: [www.sussex.ac.uk/news/events/science-talks](http://www.sussex.ac.uk/news/events/science-talks)

Box office: [buytickets.at@sussexuniverse](mailto:buytickets.at@sussexuniverse)

Contact: [universe@sussex.ac.uk](mailto:universe@sussex.ac.uk)

**Wednesday 12th February** - 6pm Fulton B

**Emily Thrift**

Plastics in the diets of wild mammals

**Wednesday 26th February** - 6pm Fulton B

**Professor Nicos Georgiou**

What is Probability Theory and how to use it properly

**Wednesday 12th March** - 6pm Fulton B

**Dr Rebekka Kesberg**

Valuing Democracy

**Wednesday 26th March** - 6pm Fulton B

**Professor Julie Weeds**

Can you trust Artificial Intelligence?

**Wednesday 9th April** - 6pm Fulton B

**Dr Louisa Rinaldi**

The Unique Sensory World

**US**  
UNIVERSITY  
OF SUSSEX

# Institute of Physics (IOP)

The Institute of Physics (IOP) is the professional body and learned society for physics in the UK and Ireland.

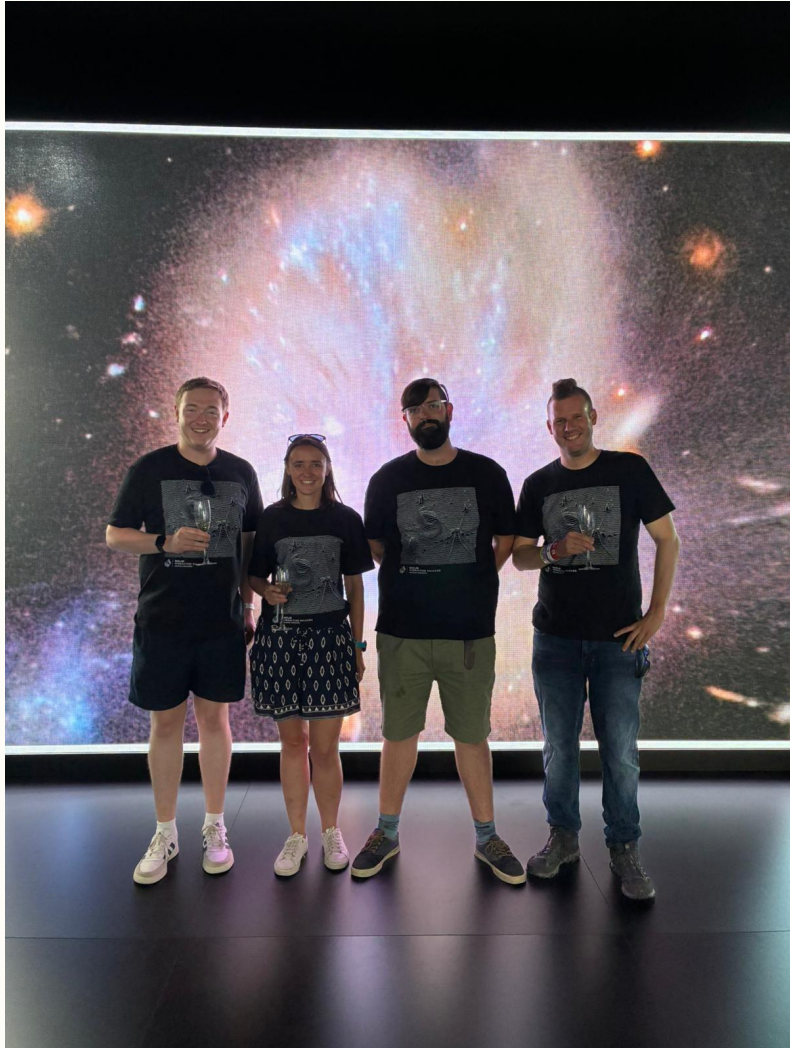
The IOP has a number of roles, but crucially **accredits** our degree programmes. This gives you confidence that your course meets nationally recognised standards, is academically rigorous, and equips you with the skills and knowledge valued by employers and the wider scientific community.

You can also join the IOP, giving you access to a variety of benefits. See -

<https://www.iop.org/membership/why-join/undergraduate>



# Outreach and public engagement



Staff and students from the department routinely take part in **outreach and public engagement activities** — for example, visiting schools, contributing to science festivals, and participating in public events. These experiences not only inspire the next generation of scientists but also help participants develop a range of valuable skills, including communication, teamwork, adaptability, and the ability to explain complex ideas to diverse audiences.

Look out for an email from our outreach director in the coming weeks to find out how to get involved.

Next steps

# This Week

## MPS / FoSEM welcome events:

<https://www.sussex.ac.uk/mps/internal/students/timetable>

## University-wide welcome events:

<https://student.sussex.ac.uk/new-students/welcome>

## Student Union events:

<https://sussexstudent.com/freshers>



### MONDAY 22 SEPTEMBER

3pm: The Bridge Social Space

Academic Personal Tutor information session

Come and meet the students in your advisee group. (Initial meetings with your Academic Personal Tutor will be in week 1).

4pm: Pevensey 2 Foyer

MPS Undergraduate Social

An informal social including refreshments, a great opportunity to meet new students and staff from across the school.

### FRIDAY 26 SEPTEMBER

3pm - 4:30pm: Jubilee Lecture Theater

Faculty of Science, Engineering and Medicine Welcome ([bookable event](#))

The University of Sussex's Vice-Chancellor, Professor Sasha Roseneil will host a special event to welcome all new students, with a presentation from a FoSEM alumnus and closing remarks from our Faculty Dean Professpr. Luc Moreau.

After the talks, there will be:

- Chance to meet Sussex staff and your fellow students
- Talk to the Spirit of Sussex Team
- Enjoy our photobooth and freshly baked cookies



# Next week

- Teaching starts! - make sure you are familiar with your [timetable](#)
- additional academic induction will be given in your module lectures
- you will meet with your Academic Personal Tutor
- there will be a maths diagnostic exercise
  - not an assessed exam/test!
  - helpful for us to know the cohort's maths level

**Have a good start to your physics degree!**