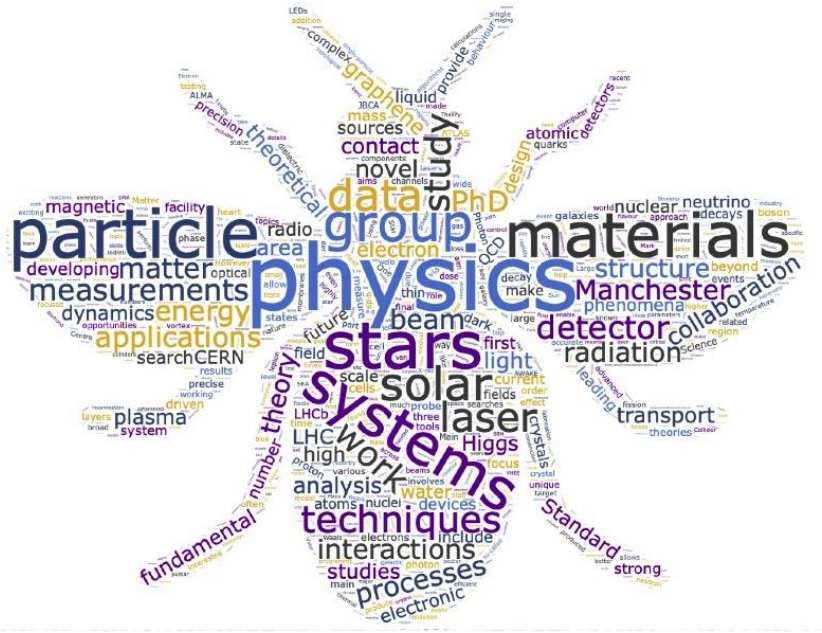
MANCHESTER 1824
The University of Manchester

Welcome

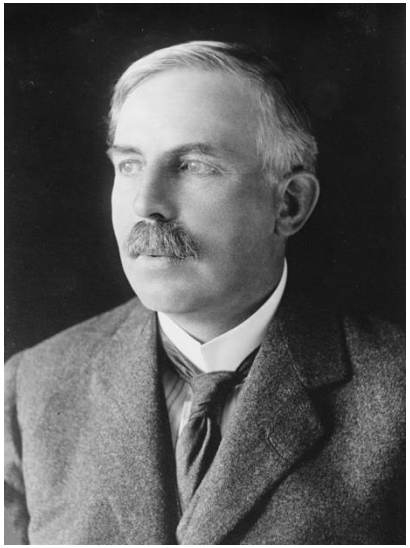
Alessandro Principi

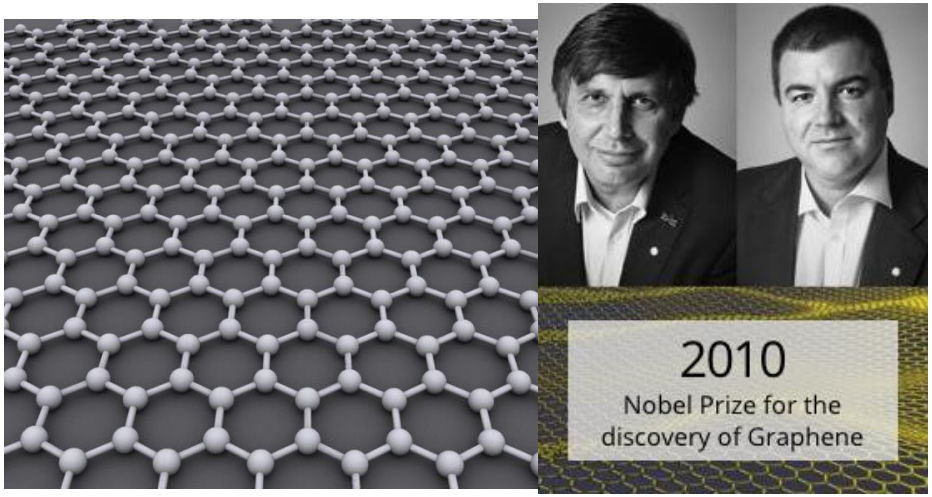
The University of Manchester



Physics and Astronomy

- Physics in Manchester for over 150 years
  - One of the largest and most active schools of Physics
- 25 Nobel prize recipients amongst staff and students
  - 13 associated with physics.
- Home to many pioneers; two Nobel prize winners on the staff
- Many 'firsts' in radioastronomy (double pulsars etc)
- Leadership in ATLAS, LHCb (CERN) and DUNE (Fermilab)

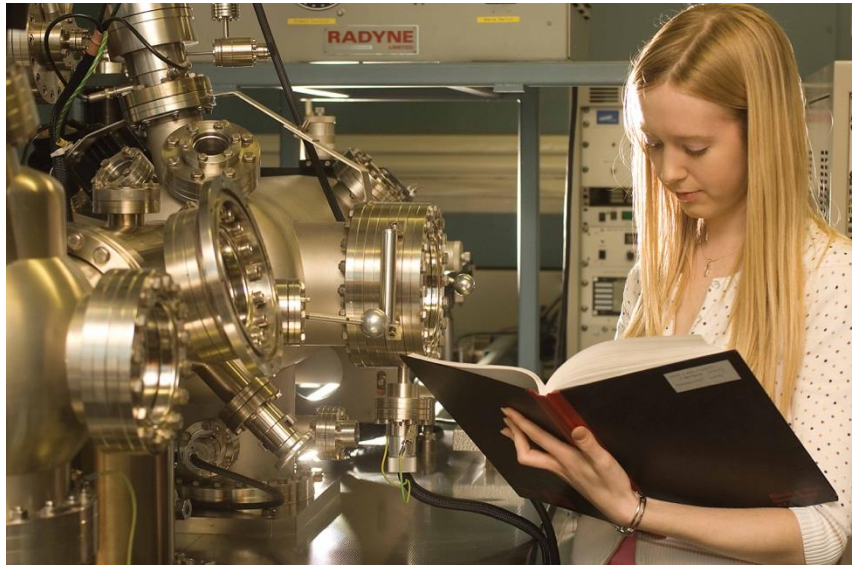






Physics and Astronomy

- 117 academic staff + senior fellowships
- ~215 grant supported staff
- 324 PhD Students
- 1173 undergraduates
- 101 taught postgrad (Nuclear Tech)



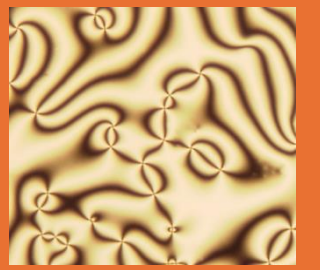




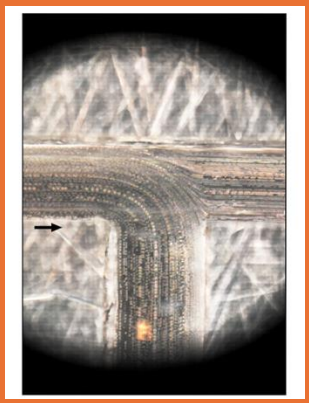
Particle
(theory+exp)



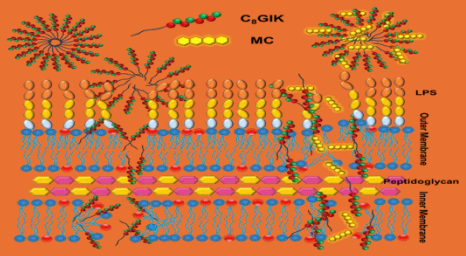
Accelerator



Liquid
crystals



Fluids and
soft matter

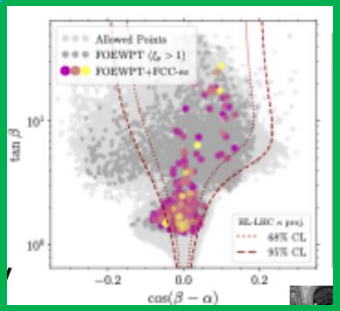


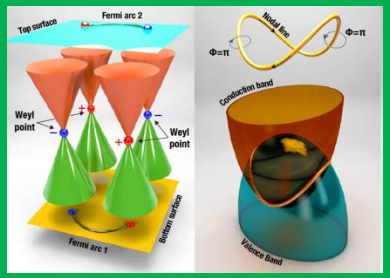
Biophysics



Nuclear physics

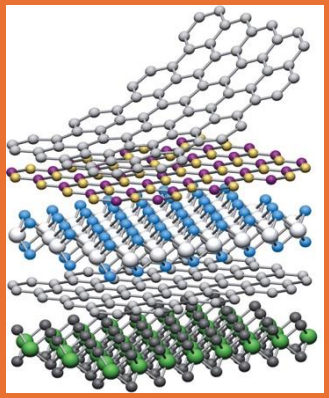
Theoretical
Physics



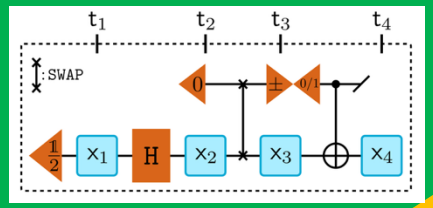




Quantum tech



Condensed
Matter





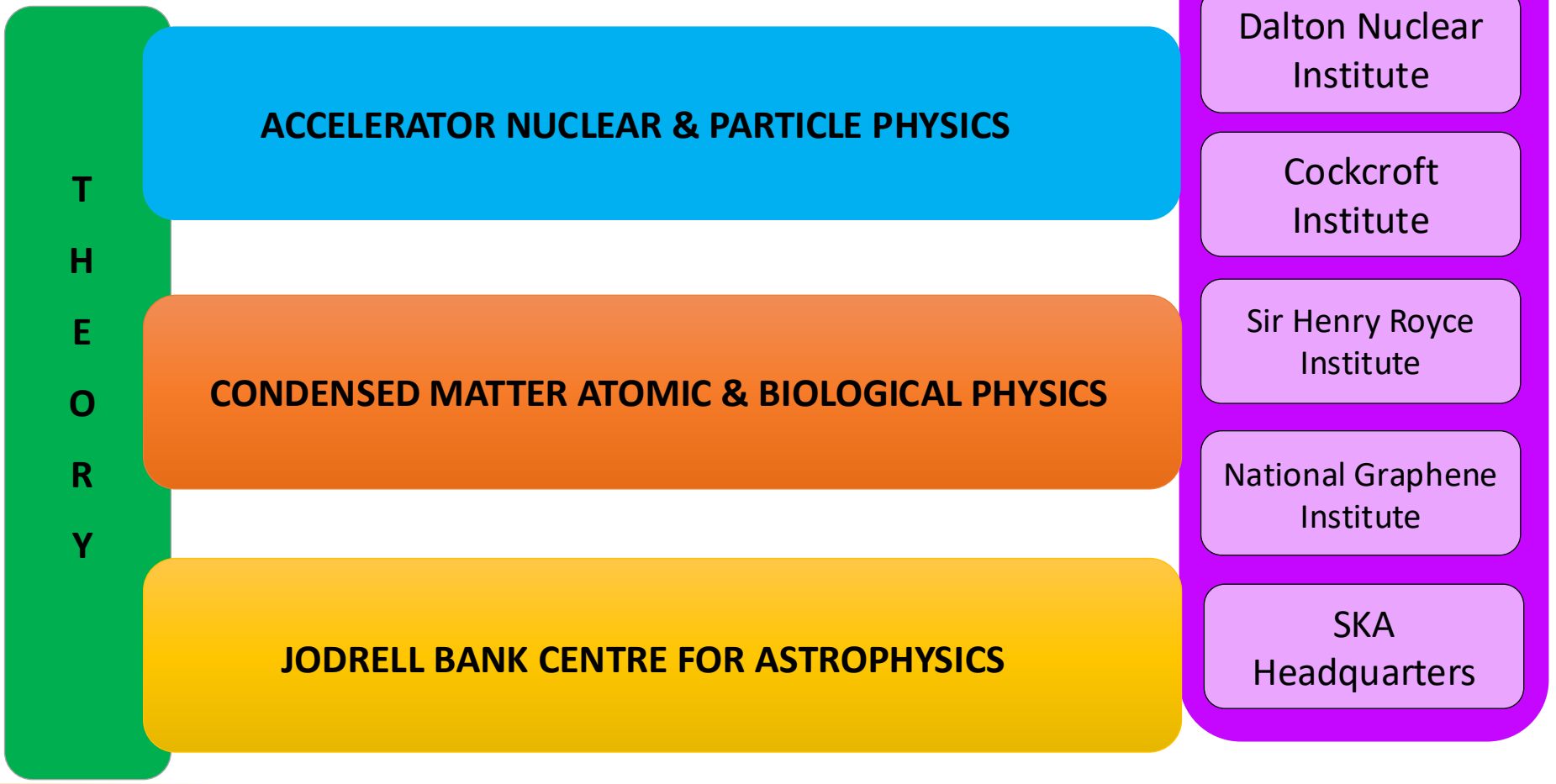
EPSRC CDT 2DMoT



Astronomy and
Astrophysics

Structure of our Department

- **Broad spectrum of research** in the international context
- Fundamental research and technical applications
- World leading **institutes**



Postgraduate Opportunities

- Research PG degrees
  - PhD: 3.5 (or 3 or 4)-year research leading to a thesis (submission by Y4)
  - MSc(R): 45-credit lecture modules plus a dissertation (year-long project)
  - MPhil: One year research project, no lecture modules
- Taught PG degree
  - Nuclear Science and Technology; Leading to MSc
- PGR students
  - Most PG students start in September
  - Not all PhD students start in Sept; typically 6-8 *p.a*. join at other points.

Funding

- Departmental scholarships
  - Research council scholarships (home fees + stipend)
    - **STFC**: Astrophysics, Particle Physics and Nuclear Physics
    - **EPSRC**: Nearly all other areas of physics
  - Dean's Scholarship (overseas fees + stipend)
  - Department-allocated Scholarship (home fees + stipend)

SoNS scholarships

- Other studentships - I
  - President's Doctoral Scholarships (PDS)
  - PGRTAs: Postgraduate teaching assistants
  - CSC studentships
  - African Futures
  - PhD by enterprise

Funding

- Other studentships - II
  - Dual Awards
    - Tokyo
    - Tsinghua
    - Peking
    - IIT Kharagpur
    - IISc Bangalore
  - UoM-NPL
  - Industry-matched (co-funded by industry + EPSRC/STFC)
  - CDTs: 2DMoT, Robotics, AI, Fusion…
  - Research grants – e.g. ERC (European Research Council)
  - Startup funds
  - Scholarship from overseas governments

SoNS scholarships

- Deadlines

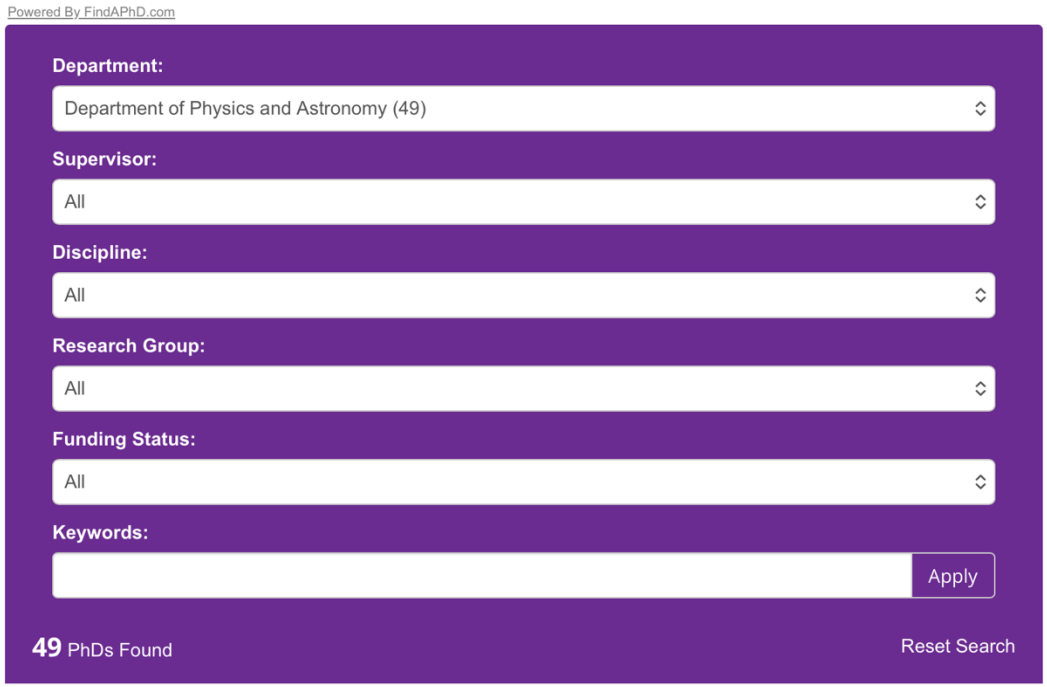
Key Dates

	Pilot round	Main round
Deadline for project proposals	15th September 2026	30th October 2026
Advertising window	1st October - 1st November 2026	16th November 2026 - 15th January 2027
Deadline for candidate nominations	23rd November 2026	22nd February 2027
Departmental Panel decisions	14th December 2026	15th March 2027
Offers made to successful candidates	18th December 2026	19th March 2027

How to Apply

- Visit our website
- Contact potential supervisors informally

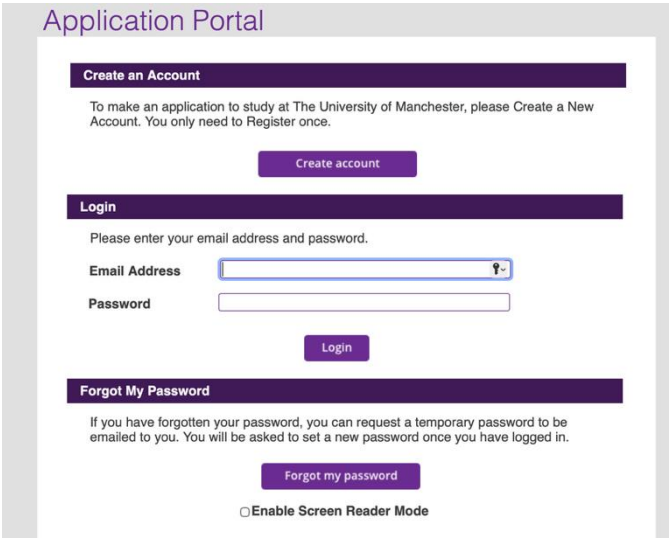
Find a project



How to Apply

Apply!





How to create an account



APPLY NOW!

How to submit an application



How to Apply

- Complete an on-line application form
  - Indicating the research area and supervisor (if possible)
- Wait for a response. If you are shortlisted, you will be invited for interview.
- If you are successful you will receive an offer letter (binding on us)
- Accept the offer!
- Register September 2027

Most Important: DO IT NOW!

Postgraduate Life



- Annual poster sessions and networking events
- Schuster Colloquium + groups seminars
- Gender and diversity day
- GTA work (paid extra)
- Public outreach events
- Summer schools, conferences
- Social events





Where to go next

Research Group	Session Location
Particle Physics	Niels Bohr Conference Room
Fluids and Soft Matter	Schuster G.19-G.22 (from Bragg Lecture Theatre)
Liquid Crystals	Schuster G.13
Biophysics	(Please email prospective supervisors)
Theory	Blackett Lecture Theatre (Schuster)
Quantum Technologies	PSI (from Bragg Lecture Theatre)
Accelerator Physics	Schuster Annexe 3rd Floor
Astrophysics	Lovell Seminar Room (Alan Turing Building 3rd Floor)
Condensed Matter	Schuster GA.14
Nuclear Physics	Schuster 4.19