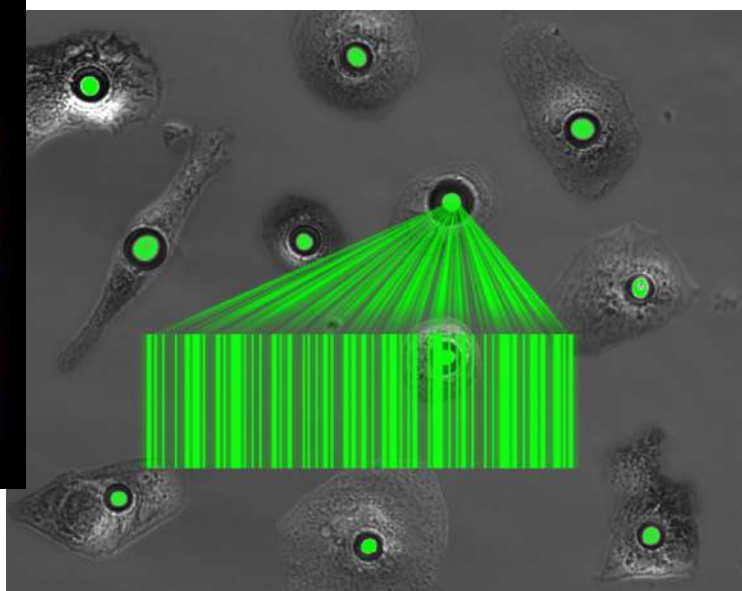
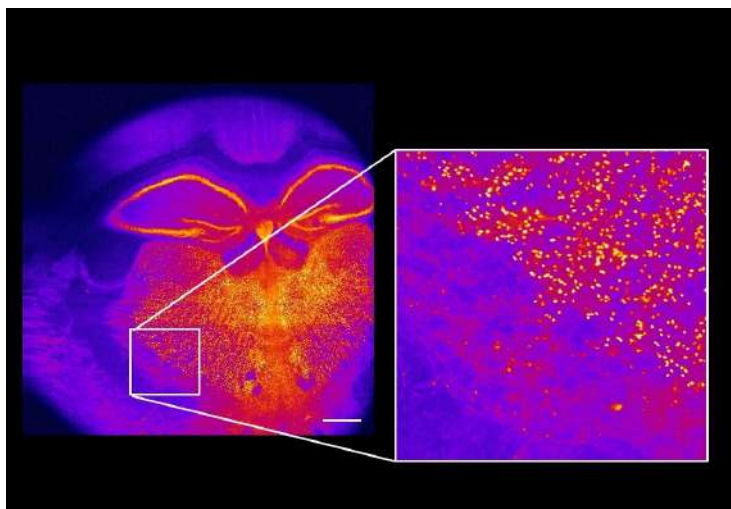


Physics and Life Sciences



Diverse areas of research including:

Structure and Dynamics

Protein folding and interactions, Water and hydrogen-bonding interactions

Enzymes and model enzyme systems

Studies of Model Biological Systems, Interactions in their cellular context, Evolving ecosystems and environments, Cell motility

Optical Imaging and Cellular Interactions

Micro-photonics for life sciences, Imaging and Spectroscopy, Nano and Targeted Therapeutics

Close integration with the Scottish Universities Life Sciences Alliance (SULSA)

Headline facts

~ 65 Academics

~ 90 PhD students

Articles published in the top journals: Nature Methods, Current Biology, Biophysical Journal, Journal of Biomedical Optics, Biomedical Optics Express

Theme Leader:

Gail McConnell,
University of Strathclyde

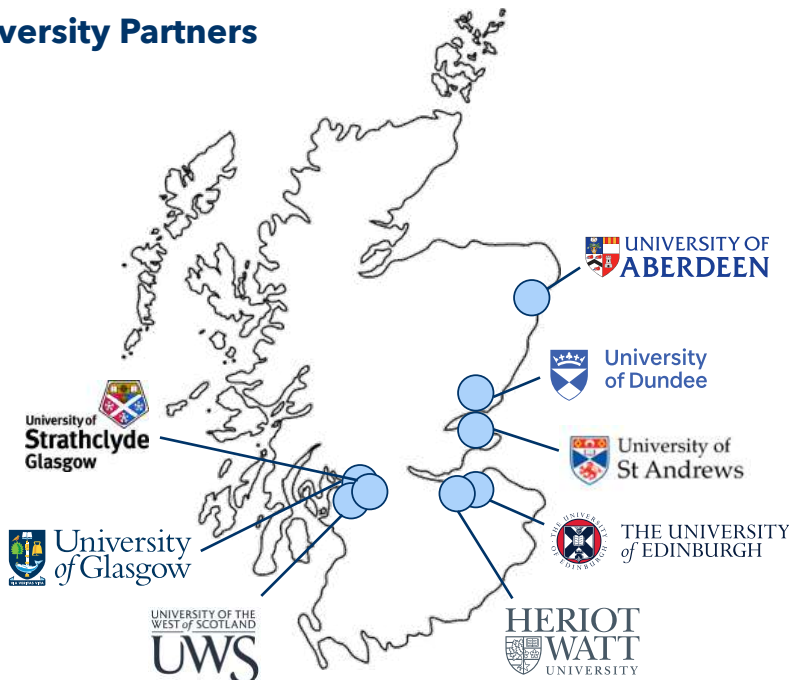




Scottish Universities Physics Alliance

Est. 2004

8 University Partners



7 Research Themes

- Astronomy & Space Sciences
- Condensed Matter & Materials Science
- Nuclear & Plasma Physics
- Particle Physics
- Photonics
- Energy
- Physics & Life Sciences

3 SUPA Associate Partners



SUPA is the strategic alliance of eight Physics Schools with a shared strategy for research, and has been highly successful in establishing Scotland as an international leader in research and advanced postgraduate training in Physics.

Collectively, SUPA forms the largest cluster of research power in physics in the UK, with a community of over 1,200 physicists (academics, research staff and postgraduate students) across Scotland.

Reflecting the strengths in our eight partner universities SUPA is theme led, with five sub-discipline themes, and two impact themes (Energy and Physics & Life Sciences).

SUPA Graduate School	600 registered PGR students 8 state-of-the-art video classrooms 50+ technical and transferable skills courses	SUSSP summer schools Annual showcase of research
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Headline Facts

Network of >1,200 physics researchers including:

- >300 Principal Investigators
- ~300 Post Doctoral Research Staff

Leading academics:

- 9 Fellows of the Royal Society
- 46 Fellows of the Royal Society of Edinburgh
- 10 RSE Young Academy / Global Academy Members

Numerous Personal Research Fellowships:

- 19 Royal Society
- 5 Royal Society of Edinburgh
- 15 Marie Curie
- 12 Chancellor's / Leadership Fellowships
- >30 Other

Major Awards:

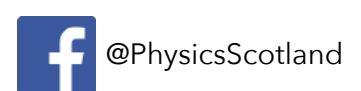
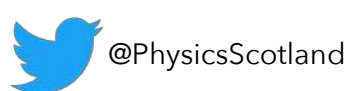
- 2018 Knighthood: Sir Jim Hough
- 2013 Nobel Prize: Peter Higgs

Research Performance during SUPA II (2010-2017):

- 37 European Research Council grants
- £381M of collaborative grant income
- £233M of non-collaborative grant income
- ~2,000 publications each year

Science Policy:

- Chief Scientific Advisor, Scottish Government: Sheila Rowan
- STFC Council: Richard Kenway, Sheila Rowan
- STFC Science Board: Peter Clarke, Christine Davies, Rory Duncan, Paul McKenna
- EPSRC Strategic Advisory Group: Ifor Samuel
- Chief Scientific Advisor, Food Standards Scotland: Norval Strachan



Sign up to the SUPA newsletter: www.supa.ac.uk/newsletter