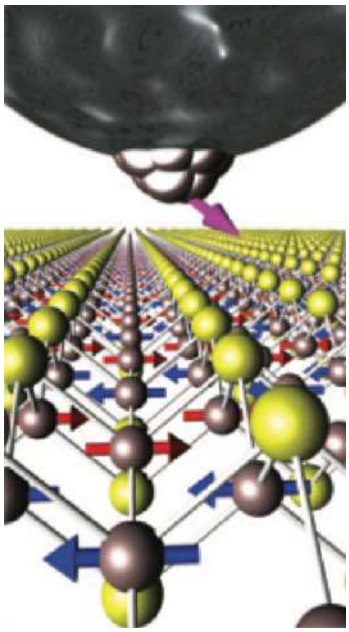
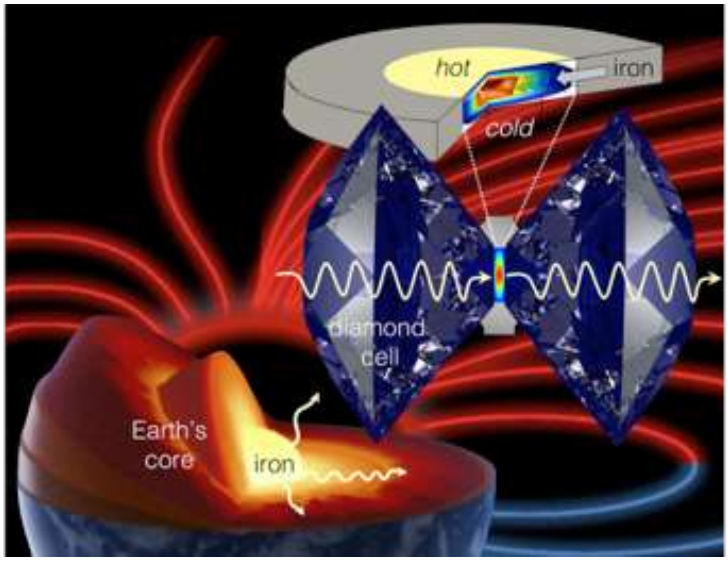
Condensed Matter & Materials Science





Internationally Renowned Research Leaders working on diverse areas including: Correlated systems, novel phases of matter, advanced quantum materials; microscopy for functional materials; soft condensed matter; nanomaterials and quantum information; optoelectronic devices; electron paramagnetic resonance; thin films, sensors, and imaging

Dedicated Research Centres and Facilities
MagTEM for imaging magnetic materials
Centre for Designer Quantum Materials;
Centre for Science at Extreme Conditions;
Ultra-low vibration labs

Close integration with others including other SUPA themes (PALS), research pools (ScotCHEM) and organisations (CERN)

The **Condensed Matter Centre for Doctoral Training** is based across the Universities of St Andrews, Edinburgh and Heriot-Watt, providing excellent training for around 15 PhD students per year

Headline facts
~ 55 Academics, 80 PhD students
~ 40 articles published in 2017 in the top journals: Nature, Nature Physics, Nature Materials, Nature Communications, Science, Physical Review Letters

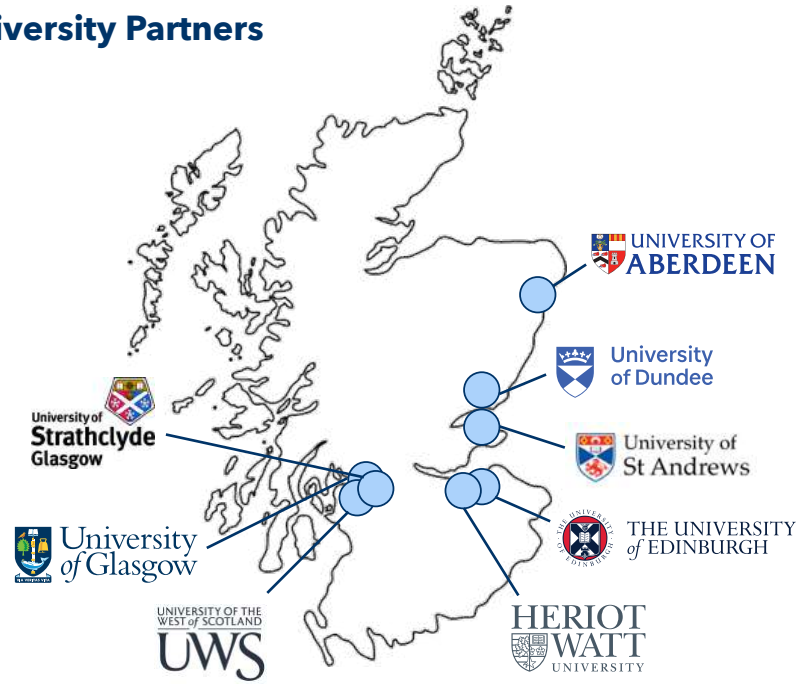
Theme Leader:
Stephen McVitie
University of Glasgow

University of Aberdeen · University of Dundee · The University of Edinburgh · University of Glasgow · Heriot-Watt University · University of St Andrews · University of Strathclyde Glasgow · University of the West of Scotland UWS

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

Fraunhofer UK

IMPP

Science & Technology Facilities Council
UK Astronomy Technology Centre

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

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

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