

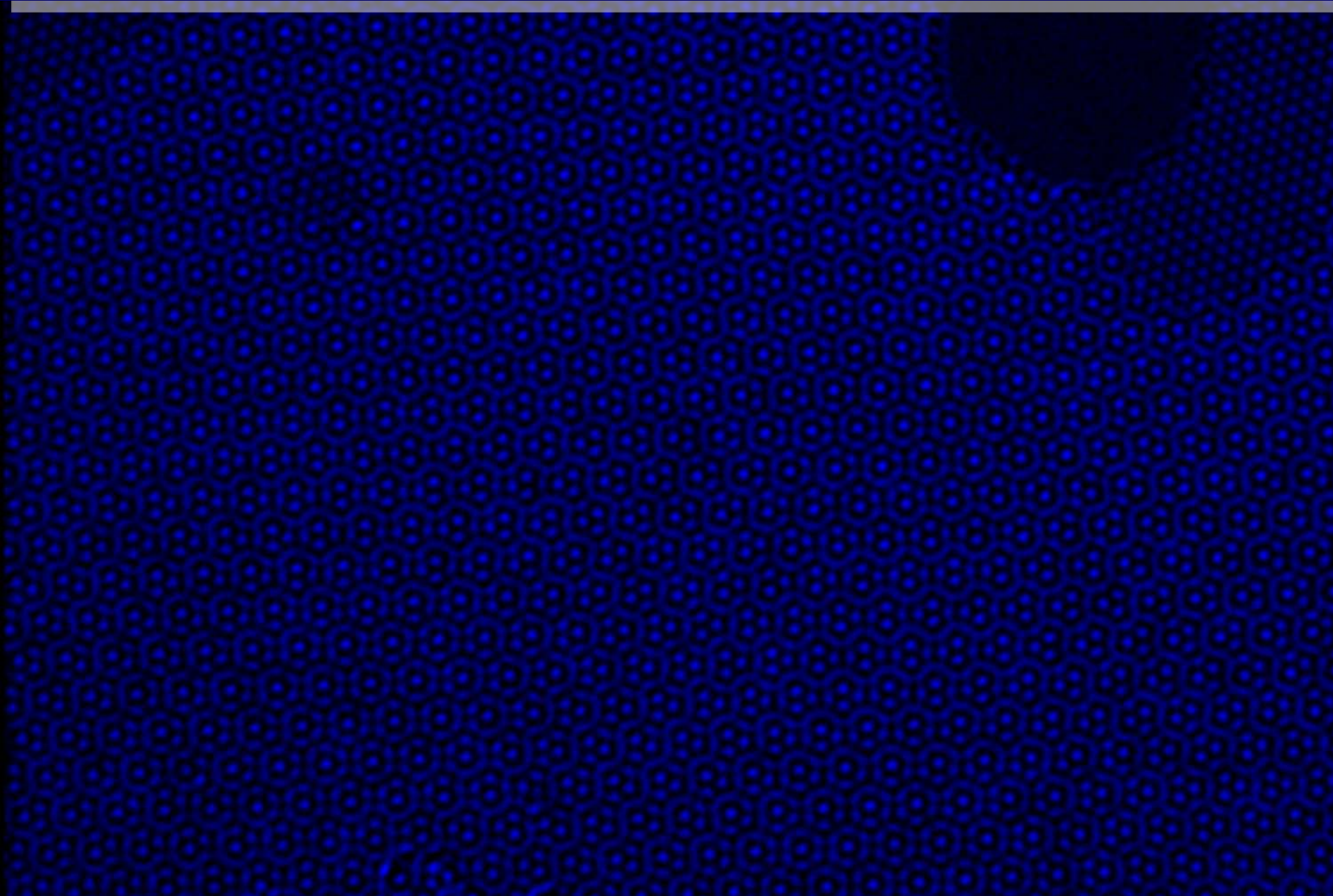
# A beginner's guide to postgraduate opportunities in Physics at Warwick

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Postgraduate Admissions Tutor

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# Why ??????





- MSc by Research (1 year) or PhD (4 years)
- Which research area(s) / supervisor(s)?
- How will I fund my studies?
  - University fees
  - Stipend (living expenses)
  - What studentships / scholarships are available?
- Am I eligible? How do I apply?

# Getting started

[Look at the PG admissions website](#)

**STEP 1**

[check your eligibility and decide on whether to do an MSc by research or a PhD](#)

**STEP 2**

[choose a research area](#)

**STEP 3**

[consider your funding options](#)

**STEP 4**

[contact the PG admissions tutor to discuss your application](#)

**STEP 5**

[complete the online application form](#)



# 1. PhD or MSc?

- **PhD** typically 3.5 years full-time.
- PhD usually fully funded (fees + stipend).
- *Strong competition for PhD studentships.*
- **MSc by Research** is 12 months.
- MScR: mostly self-funded
- Part-time study is possible, e.g. 2 year MSc.

Typically:     just 35-40 p/g students  
                    of which ~5 MSc by Research  
                    total ~ 10-15 Warwick



- Registration for a funded **PhD requires:**
  - 2(i) or better (usually 1<sup>st</sup>) MPhys/MMathPhys.
  - 2(i) or better (usually 1<sup>st</sup>) BSc.
  - 2(ii) or better BSc/MPhys plus an MScR.
- The **MSc by Research requires:**
  - class 2(ii) honours BSc or MPhys.
- Also: two supportive academic references
  - Personal Tutor
  - Project Supervisors (final year / summer)

Summer research projects help, but not essential



# Should I stay in Warwick?

- First-class research groups and academics.
- Friendly department with thriving PG community and well-developed graduate teaching (MPAGS).
- No harm in staying for higher degree – common.
- No harm in looking elsewhere too.
  - Specific research areas we don't cover?
  - Want to broaden horizons?
- *In either case, find out as much as you can, and start thinking NOW.*

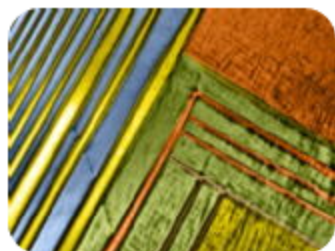
## Department of Physics

[Prospective Students](#)
[Current Students](#)
[Research](#)
[People](#)
[News & Events](#)
[Physics A to Z](#)
[Outreach](#)

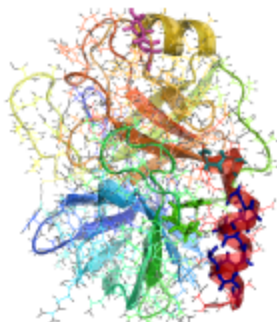
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### Research

Research in the Warwick Physics Department was rated as internationally-prominent in the 2008 Research Assessment Exercise. There are five themes of research activity:



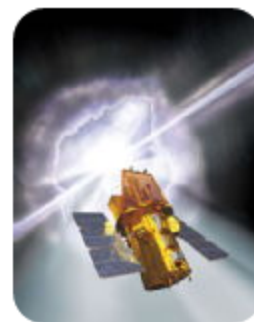
[Condensed Matter Physics](#)



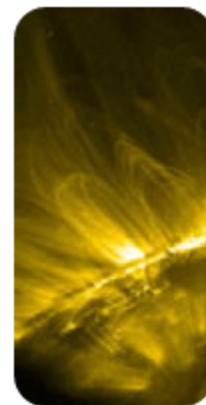
[Theoretical Physics](#)



[Elementary Particle Physics](#)



[Astronomy and Astrophysics](#)



[Centre for Fusion, Space and Astrophysics](#)

Medical & Bio-Physics  
Solid State NMR

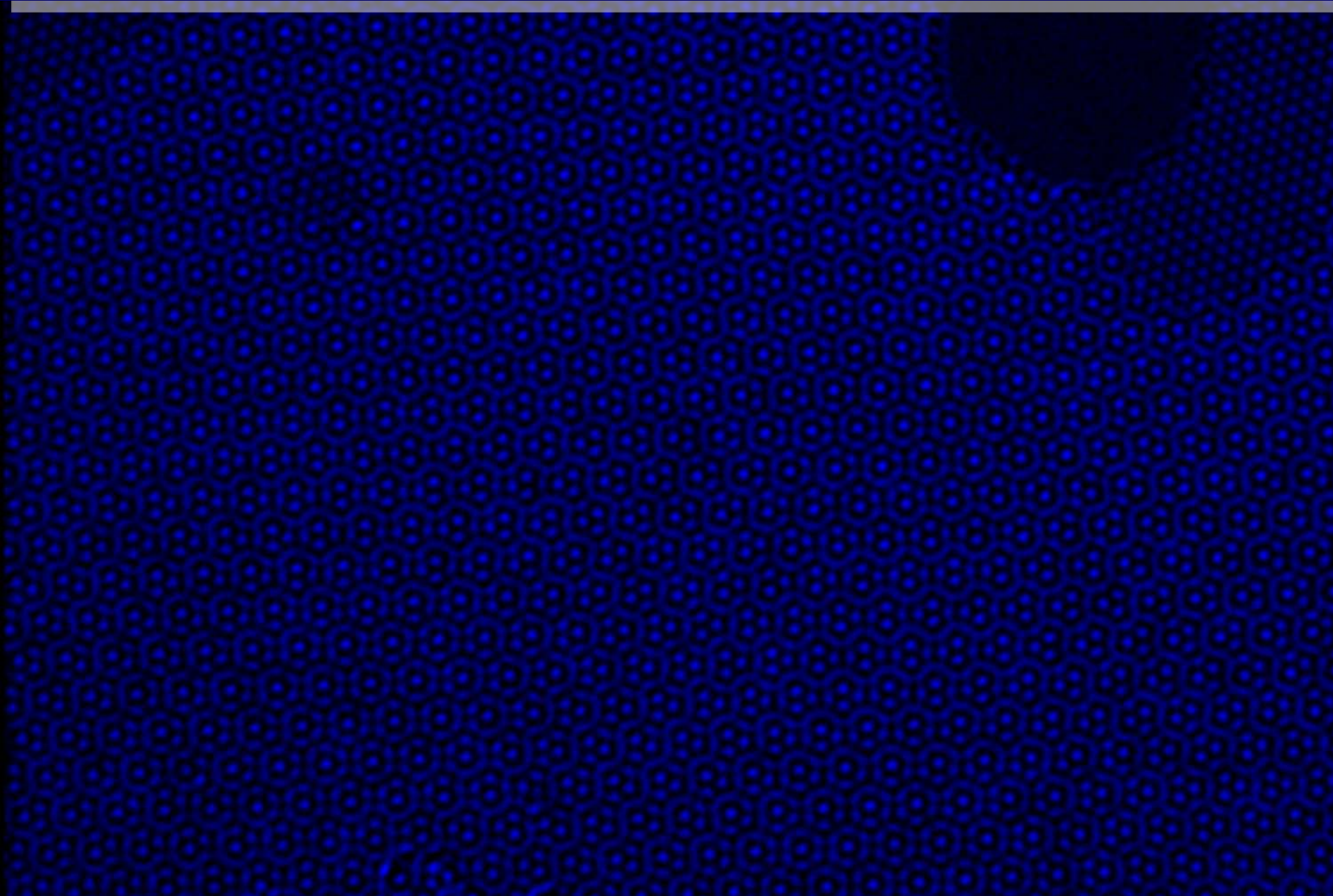
MASC, Systems Biology,  
MASDOC, Diamond etc.



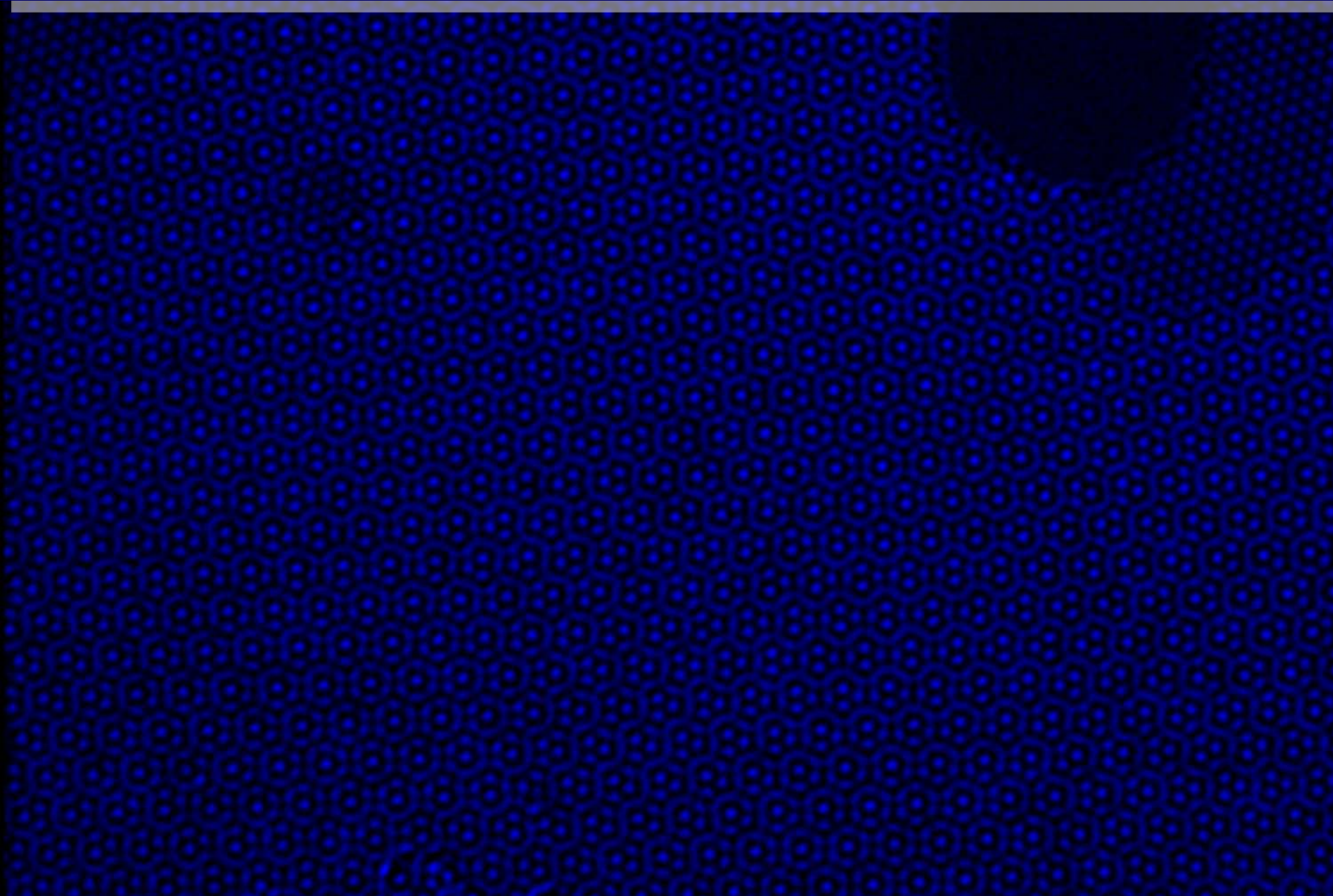
# What about PhD funding?

- Research council studentships
  - EPSRC and STFC
  - 3.5 years with bonus stipend, travel & training budget
  - Competitive
- Doctoral training centres
  - Diamond, 'Complexity', MASC, MASDOC etc. see <https://www.epsrc.ac.uk/skills/students/centres/>
- Personal scholarships for “high-fliers”
- Other scholarships / studentships
  - Industry, European Research Council, Eng.D., etc.
- Look at e.g. findaphd , jobs.ac.uk , plus departmental webpages (e.g. <http://www2.warwick.ac.uk/fac/sci/physics/prospective/postgraduate/pgintro/projects/priority/> )











- |                           |  |
|---------------------------|--|
| 25 <sup>th</sup> November | – Research Open Evening  |
| December                  | – funded projects advertised, see department and university websites, <a href="http://findaphd.com">findaphd.com</a> |
| End of January            | – first CMP interview day  |
| mid February              | – EPP/CFSA/Astro interview days  |
| 31 <sup>st</sup> March    | – STFC project allocation deadline   |

Further funding announcements around May.

Typically a few more projects become available around July



# Contact

<http://go.warwick.ac.uk/physicspg>

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Remember:

It is not like u/g; it varies from university to university and depends on funding with a range of deadlines that may change!

You must take the initiative.