Berlin - Oxford

Joint Studentships! Great ways to help! 1

More things

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- Sell topic
- International training network

An Opportunity for Graduates!

- Humboldt University DESY Zeuthen
 - Areas of research excellence
- Oxford University World-wide reputation
 - Seeking Research Partnerships with Berlin
- Establish Joint studentship programme
- Working on proposal this year

German Funding opportunity

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- From Deutsche Forschungsgemeinschaft
 - DFG
 - Research Training Groups (RTG's)
 - RTG provide outstanding supervision and research opportunities to early career researchers
 - Support up to 30 doctoral research students
 - 5-10 per year supported from DFG
 - Support component of international research
 - Expect matching studentships from paired country

- Oxford and Berlin research already aligned
 - Particle Physics
 - Astrophysics
 - Accelerator physics
 - Additional areas forming
- Preparing a Proposal
- With support; why wait?!

Would like to start something for 2020/2021

No reason to wait for proposal + response

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With support from Oxford, HU, DESY and Alumni begin a programme now!

Oxford-DESY Studentship

- DESY can support students
 - Home/EU fees
 - Stipend
 - Limited travel to/from Oxford
- Additional support required
 - Summer school
 - Research workshop (in EU)
 - Conference funding if speaking or presenting poster
 - £10k-5k makes all the difference

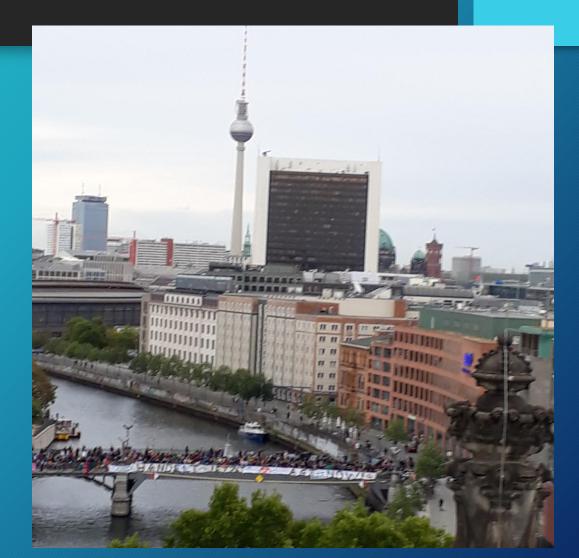
- Other areas:
- Research @ CERN or remote site
- College fees

STFC studentship travel support

- Joint studentships need to be competitive
- Example STFC Long Term attachment (LTA) support
 - CERN £4438 p.a. up to 548 days accommodation covered
 - DESY £2930 p.a. up to 548 days €1000 towards accommodation expenses
 - £200 additional travel/personal trips
 - £1300 removal costs
 - £200 travel
- Matching or equivalent levels to attract best students

Alumni Event in Berlin 19-23 March

- 19 March British Embassy
 - 5pm Press conference of OX/BER researchers
 - ~6pm reception
- 20, 21 March Dinners with college alumni
 - LMH and Lincoln (Todd, Cigdem)
 - Quite a few <u>other colleges</u> as well
- 22 & 23 March Further events/talks with Oxford alumni
 - Garrett, Todd



Develop preliminary curriculum for International Training network

Basic idea for final submission to DFG - UK the slides follow.

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Joint studentships Oxford students

• Academic Year 1

- Formal Course work
 - Attach course Cirricula
- Qualification/Service Projects
 - Part of research skills
- Identify joint thesis research project
- Regular joint meeting schedule with supervisors
- 1st year transfer of status

• I want to put nice pictures on this side on each slide.



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The Vision

- Academic Year 2
 - Continue joint meeting sched.
 - Research field work
 - Programatically driven; but can include →

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- LTA at experimental site
- LTA at Berlin w. Berlin supervisor
- Additional experience (Laboratory/telescope)
- Mix components of both driven by research necessity and approval of supervisors.

• This Continues into Year 3 B. Todd Huffman - Oxford University

The Vision

- Academic Year 3
 - Continue joint meeting sched.
 - Complete remote laboratory work
 - Paper/poster/report outcome
 - Research field work
 - Continue LTA: based on established programme
 - Confirmation of status
 - Thesis timeline review

The Vision - full 4 year funding

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• Academic Year 4

- Complete Research field work
 - Continue limited LTA if needed
 - Complete 3-4 months or earlier into year 4
 - Return to home institution
- Final research activity
- Thesis writing, submission during latter ½ of 4th year

Joint programme - Adds Value

• Experience in Berlin/Zeuthen

- Top institutions and laboratories
- Additional contacts: students, professors, laboratory physicisits
- Unique Research projects:
 - Test beams
 - Accelerator operations
 - Telescopes (?)
 - Instrumentation
 - Laboratory systems development

- Opportunity
- Additional experience
- More exposure
- Opportunities post-graduation
- Additional 6 months adds this value.

Clarity required

- Supervision arrangements
- Time spent where
 - Example: 6 months HU, 1 year CERN
- Expenses paid and by whom
 - Travel to and from location
 - Travel to Experimental/Internal Workshops
 - Summer school
 - Stipend
 - Additional living allowances while abroad.
 - Fees (Home fees Scholarships from Oxford?)
 - Cannot over-emphasize the import of clarity here