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Les messages de la liste echos du *Risc*

[these] PhD positions at Universities of London, Newcastle, Durham and Keele, UK, date limite: avr. 2016

(25/03/2016)

1) De : "Ramnani, N" N.Ramnani [chez] rhul.ac.uk

Dear All,

John Rothwell and I would like to invite expressions of interest from prospective PhD students for a project to map cortico-cereballar connectivity using brain stimulation and fMRI. Further details are available here:

http://www.pc.rhul.ac.uk/sites/NeuroscienceLab/?page_id=192

Deadline: 15th April (but please respond as early as possible to discuss and shape an application in consultation with us).

I'd be grateful if you could please forward this message to those who might be interested.

Thanks and best wishes,
Narender

Narender Ramnani
Professor of Neuroscience

Fellow, Society of Biology
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[chez] n_ramnani

2) De : Roman Bauer Roman.Bauer [chez] newcastle.ac.uk

Dear all,

I invite applications for a fully-funded three-year PhD student position at the Institute of Neuroscience at Newcastle University, Newcastle upon Tyne (UK). The successful candidate will work under the

supervision of Dr Roman Bauer and Dr Evelyne Sernagor, and do computational modeling as well as wet-lab work on neuronal development in the retina. There is also the possibility for the student to be involved in a collaborative project with CERN **openlab** and Intel as a project partner.

Applicants should be highly motivated and should have a strong background in physics, computer science, neuroscience or a related discipline. Good computational skills and experience in a major programming language such as C++ or Java are required.

The Institute of Neuroscience (IoN) is a well-established research institute integrating over 75 principal investigators, and was ranked in UK top 10 for overall quality of research. The university's Faculty of Medical Sciences, of which IoN is part of, is ranked in the top 50 worldwide for biomedical and health sciences in the Leiden Ranking.

More details on this job posting can be found here:

<http://www.ncl.ac.uk/postgraduate/funding/sources/allstudents/12mrea.html>

Best regards,

Roman Bauer

3) De : Ulrik Beierholm U.Beierholm [chez] bham.ac.uk

We have a PhD studentship available with full funding (tuition + stipend) for a project doing computational modeling of human perception, using parametric and non-parametric Bayesian statistical inference methods (PI Dr. Ulrik Beierholm). The funding is only available for EU citizens (sorry!), with starting date October 2016.

The studentship will be in the Department of Psychology at Durham University, UK, but with potential for interactions with colleagues in Computer Science, Economics etc.

The applicant should have a Master's degree (or similar) in a related topic (neuroscience, psychology, computer science, statistics etc.) with a minimum of a UK upper second (2:1) or an average grade of B for international students.

The applicant should also have some programming experience (preferably Matlab or Python), but while the project will involve some experimental work (mainly psychophysics) the applicant does not need any previous experimental experience.

The Department offers an exciting and friendly multidisciplinary research environment. The department has excellent technical facilities, including a 3T MRI scanner, EEG labs, laboratories for brain stimulation (TMS, tDCS), motion analysis systems (Vicon, Optitrack), Psychophysiological Research (Biopac), and behavioural experiments, including multiple eye trackers and an acoustically controlled testing chamber. There is also access to the Durham HPC cluster (Hamilton) for numerical simulations.

Durham is a beautiful city in the Northeast of England, home to Durham Cathedral, which is part of UNESCO Durham World Heritage Site. Durham University is consistently ranked among the top 100 Universities worldwide (QS World Rankings 2014).

If interested email the PI (ulrik.beierholm [chez] durham.ac.uk) with any questions.
Applications are made through:
https://www.dur.ac.uk/psychology/postgraduate/how_to_apply/
Further information about doing a PhD at Durham can be found here:
<https://www.dur.ac.uk/psychology/postgraduate/phd/>

Applications will be processed as they arrive, but we expect to reach a decision before end of April.

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Ulrik Beierholm, PhD
Lecturer in Computational Neuroscience
School of Psychology, University of Birmingham
<http://beierholm.net>

4) De : Peter Andras p.andras [chez] keele.ac.uk

Fully Funded Computer Science PhD Studentships at Keele University

The Faculty of Natural Sciences at Keele University is pleased to announce up to 7 fully-funded PhD studentships for UK/EU students for start in September/October 2016, as well as opportunities for part-funded PhD studentships for suitable candidates.

Applications are invited from high quality prospective doctoral candidates in Computer Science and other disciplines. We welcome candidates with a good fit to our research specialisms and the expertise of our academic staff. Candidates are expected to have a 1st class or 2.1 class undergraduate degree or a Distinction level MSc degree in a relevant subject (or equivalent in the case of candidates from other EU countries).

One of our focus areas in Computer Science is Computational Neuroscience and Biomedical Engineering. A selection of topics of interests in this area is provided below.

Computational Neuroscience and Biomedical Engineering: computational modelling of the stomatogastric nervous system; bio-inspired robot control; computational modelling of cognitive behaviour in bees; neuro-control of evolving artificial creatures; neuro-control of robotic swarms; computational analysis of neuroimaging and multi-electrode array data; human and animal behaviour analysis using accelerometer data; virtual reality and robotics for rehabilitation engineering; analysis and modelling of the impact of neuromodulators in biological neural systems; big data analytics and neuro-degenerative disorders.

Funding

Each fully-funded studentship includes an annual tax-free stipend at RCUK rate plus tuition fees (currently £14,296 for stipend and £4,121 for fees). The funding is available for 3 years. Each studentship has an associated research expense budget (£2,000 – £3,000 per year, depending on the nature of the project, to cover project related consumables and conference travel).

Opportunities are also available for candidates from the UK/EU and overseas who can demonstrate that they can fully or partially self-fund. If you are interested in this route, please contact Professor Peter Andras at [p.andras \[chez \] keele.ac.uk](mailto:p.andras@keele.ac.uk) for a discussion.

Closing Date

The closing date for applications is Friday 15 April 2016

Full details and application procedures can be found on the website:

<http://www.keele.ac.uk/pgresearch/howtoapply/>

For the purpose of research proposal applicants should submit an outline of their research interests or of a particular research project that the applicant would like to work on (max. 2 pages).

Please send any questions by email to Lisa Cartlidge ([l.j.cartlidge \[chez \] keele.ac.uk](mailto:l.j.cartlidge@keele.ac.uk)) or Ann Billington ([a.billington \[chez \] keele.ac.uk](mailto:a.billington@keele.ac.uk)).

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<http://www.risc.cnrs.fr>. Pour des raisons de sécurité, cette liste ne transmet pas les pièces jointes.

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