英國徵求博士後職缺簡表
2021 年 8 月份 (27 個職缺)

駐英科技組 整理

英國倫敦大學國王學院 (King's College London)徵求 Computer Vision/Remote Sensing Imagery 博士後研究員

職務名稱：Research Associate in Computer Vision/Remote Sensing Imagery

系所/單位名稱：Department of Informatics

申請人資格：

Essential criteria

- PhD in image processing, computer vision, machine learning or a closely related field
- Demonstrable skills in designing deep learning algorithms for natural images, remote sensing imagery, and videos
- Good to expert knowledge of PyTorch or Tensorflow, or equivalent software package
- A track record of publications in high quality scientific journals and conferences
- Excellent written and oral communication skills
- Able to supervise, work and integrate with others in the team

Desirable criteria

- Experience in visual classification, segmentation, or counting topics
- Experience in remote sensing, time serials, and geographic data.

聘期：This post will be offered on a fixed-term contract for 12 months.

薪資待遇：£38,304 - £39,345 per annum, including London Weighting Allowance

受理期間：2021 年 8 月 25 日止

相關細節請參考網址：https://jobs.kcl.ac.uk/gb/en/job/027685/Research-Associate-in-Computer-Vision-Remote-Sensing-Imagery

英國倫敦大學帝國學院(Imperial College London)徵求 Clinical Research Statistics 博士後研究員

職務名稱：Research Associate / Research Fellow in Clinical Research Statistics

系所/單位名稱：School of Public Health

申請人資格：

This is a novel and exciting opportunity for an experienced and highly driven statistician to develop and thrive in a multi-disciplinary environment. The role is a blended one of applied

statistics and trials methods development working across the Neonatal Data Analysis Unit within the Neonatal Medicine Research Group (and the Imperial Clinical Trials Unit.

Essential requirements

- PhD in statistics or medical statistics or relevant subject area
- A first degree (Class 1 or 2)
- Using statistical packages STATA, R or SAS, of working with large, complex data sets
- Experience of writing protocols, analysis plans, and final reports

聘期：The post is available on a fixed term, full time basis for 12 months in the first instance.

薪資待遇：£40,858 – £54,852 per annum plus benefits

受理期間：2021 年 8 月 30 日止

相關細節請參考網址：https://www.imperial.ac.uk/jobs/description/MED02628/research-associate-research-fellow-clinical-research-statistics

英國南安普頓大學 **(University of Southampton)**徵求 **Coherent Diffraction Imaging** 博士後研究員

職務名稱：Research Fellow in Coherent Diffraction Imaging

系所**/**單位名稱：Quantum, Light & Matter Group

申請人資格：

You will engage with the wider x-ray imaging and materials physics community as well as industry. To be successful you will have a PhD or equivalent professional qualifications and experience in Physics, Materials Science, Optoelectronics, Engineering or a related field along with knowledge of coherent x-ray diffraction imaging or related techniques.

Applications for Research Fellow positions will be considered from candidates who are working towards or nearing completion of a relevant PhD qualification. The title of Research Fellow will be applied upon successful completion of the PhD. Prior to the qualification being awarded the title of Senior Research Assistant will be given.

聘期：Full Time Fixed Term (for 3 years).

薪資待遇：£ 30,942 to £34,804 per annum

受理期間：2021 年 8 月 30 日止

相關細節請參考網址：https://jobs.soton.ac.uk/Vacancy.aspx?ref=1411421WF-R

英國牛津大學**(University of Oxford)**徵求 **Chemical Biology & Mass Spectrometry** 博士後研究員

職務名稱：Postdoctoral Research Associate in Chemical Biology & Mass Spectrometry

系所/單位名稱：Department of Chemistry, Kavli Institute for NanoScience Discovery

申請人資格：

The successful candidate will work with the wider team, contribute to the development of new research areas and present their research findings at international conferences – all with an emphasis on career development and research independence.

Applicants must hold a PhD in Chemistry, Biochemistry or a relevant subject area, (or be close to completion) prior to taking up your appointment. The research requires experience in mass spectrometry, proteomics and recombinant protein expression, purification and characterisation. You will be expected to manage your own academic research and administrative activities. This involves small scale project management, to co-ordinate multiple aspects of work to meet deadlines.

聘期：The position is Full time, Fixed-term (up to 36 months).

薪資待遇：£32,817 - £40,322 per annum

受理期間：2021 年 8 月 31 日止

相關細節請參考網址：www.recruit.ox.ac.uk (Vacancy ID：152700)

英國薩塞克斯大學 (University of Sussex)徵求 Cancer Cell Signalling 博士後研究員

職務名稱：Research Fellow in Cancer Cell Signalling

系所/單位名稱：School of Life Sciences

申請人資格：

A post-doctoral position is available in the laboratory of Georgios Giamas to elucidate the involvement of LMTK3 in cancer progression. The oncogenic role of Lemur tyrosine kinase 3 (LMTK3) has been well established the last years, as supported by mechanistic and translational data in different tumour types and settings.

Essential Criteria

- Normally educated to doctoral level, or other equivalent qualification, or appropriate level of experience, as appropriate to the discipline (see role-specific criteria).
- Evidence of engagement in high-quality research activity.
- Excellent presentation skills, with the ability to communicate effectively, both orally and in writing, with students, colleagues and external audiences.
- Ability to work individually on own initiative and without close supervision, and as part of a team.
- Ability to exercise a degree of innovation and creative problem-solving.

- Excellent organisational and administrative skills.
- Ability to prioritise and meet deadlines.
- Excellent IT skills.

聘期：Full time or part time up to a maximum of 1FTE. Fixed term for 1 year (with an option to extend it for another year)

薪資待遇：starting at £33,797 to 40,322 per annum (Grade 7 point 3)

受理期間：2021 年 8 月 31 日止

相關細節請參考網址：https://www.sussex.ac.uk/about/jobs/research-fellow-cancer-cell-signalling-ref-6092

英國牛津大學(University of Oxford)徵求 Neuroimmunology of Alzheimer's Disease 博士後研究員

職務名稱：Postdoctoral Research Scientist - Neuroimmunology of Alzheimer's Disease

系所/單位名稱：Target Discovery Institute

申請人資格：

Opportunities are available in the ODDI for an experienced Postdoctoral Research Scientist with expertise in the field of neuroinflammation, particularly in the context of neurodegenerative diseases such as Alzheimer's and Parkinson's disease.

It is essential that you hold a relevant PhD/DPhil (or close to completion) in Biology or a related subject, together with postdoctoral laboratory experience. You will have research expertise in macrophage/microglial biology and possess sufficient specialist knowledge in the discipline to work on established and new research programmes. You must be engaged in and committed to laboratory work and able to train staff in the required technical disciplines. You will have evidence of a drive to progress science with a sense of urgency, exemplified through primary authorship of peer reviewed articles or industrial equivalents. Excellent communication, including the ability to write for publication and present is also essential for the role.

聘期：The position is Full time, Fixed term contract for 3 years.

薪資待遇：£32,817 - £40,322 with a discretionary range to £44,045 per annum

受理期間：2021 年 9 月 1 日止

相關細節請參考網址：www.recruit.ox.ac.uk (Vacancy ID：152017)

英國杜倫大學(Durham University)徵求 Anthropology 博士後研究員

職務名稱：Postdoctoral Research Associate

系所/單位名稱：Department of Anthropology

申請人資格：

Qualifications

A PhD (or be close to submission) in Social Anthropology, Sociology, Human Geography or a field related to environmental governance and planning

Experience

- Experience in conducting high-quality academic qualitative (preferably ethnographic) research from inception to publication, including online and in-person methods.
- Demonstrable ability to write material of a quality commensurate with publication in highly-ranked journals.
- Demonstrable ability to present research papers at national/international conferences and communicate complex information to specialists and within the wider academic community.
- Ability to analyse regulatory and policy materials.
- Familiarity with infrastructure research literatures.
- Experience of inter-disciplinary research, including the ability to communicate across disciplinary field.
- Experience of working collaboratively with non-university partners, in particular local authorities and community organisations.
- Familiarity with environmental regulation and policy in England and Wales.

Skills

- Demonstrable ability to work cooperatively as part of a team, including participating in research meetings.
- Ability to work independently on own initiative and to strict deadlines, and in cooperation with peers and senior colleagues.
- Excellent interpersonal and communication skills.

聘期：This post is fixed-term for 24 months.

薪資待遇：Grade 7: - £33,797 per annum

受理期間：2021 年 9 月 2 日止

相關細節請參考網址：

https://durham.taleo.net/careersection/du_ext/jobdetail.ftl?job=21000625&tz=GMT%2B08%3A00&tzname=Asia%2FManila

英國薩塞克斯大學 **(University of Sussex)**徵求 **Trade for Sustainable Development** 博士後研究員

職務名稱：Research Fellow in Trade for Sustainable Development

系所/單位名稱：Sussex Law School

申請人資格：

The Research Fellow will investigate EU Free Trade Agreement provisions relevant to agriculture and environment. They will also work closely with the UK Trade Policy Observatory (UKTPO), an independent expert group that undertakes primary research and initiates, comments on and analyses trade policy choices and outcomes. The UKTPO has a very high profile in public debate and good contacts with branches of government dealing with Brexit and with International Trade.

Candidates should demonstrate potential to conduct high quality research in the law of international trade and integration and to be able to communicate this clearly in writing and verbally. They should also have a strong and proven interest in trade policy. Being able to work closely with colleagues in a fast-moving and exciting area is important.

聘期：Full time or part time hours considered up to a maximum of 37.5 hours per week. Requests for flexible working options will be considered (subject to business need). Fixed term for 12 months.

薪資待遇：£33,797 to £40,322 per annum, pro rata if part time

受理期間：2021 年 9 月 3 日止

相關細節請參考網址：https://www.sussex.ac.uk/about/jobs/res-fel-trade-for-sustainable-development-ref-6556

英國牛津大學(University of Oxford)徵求 Ethics of AI in Healthcare and Health 博士後研究員

職務名稱：Researcher in the Ethics of AI in Healthcare and Health Research

系所/單位名稱：Nuffield Department of Population Health

申請人資格：

The Nuffield Department of Population Health contains world renowned population health research groups and provides an excellent environment for multi-disciplinary research and teaching. Based within NDPH, The Ethox Centre is an internationally recognised multidisciplinary bioethics research centre and is a vibrant and intellectually exciting place to work.

To be considered you will hold a PhD/DPhil in a relevant subject (e.g. bioethics, social science, practical ethics), together with previous relevant research experience in the field of bioethics, and have a demonstrable record of using qualitative methods (e.g. semi-structured interviews, focus groups). You will also have ability to work independently and

manage own academic research, along with associated activities and ability to contribute ideas for new research projects and research income generation. Excellent communication skills, including the demonstrated ability to write for publication, present research proposals and results, and represent the research group at meetings are also key to this role. For more information about the Ethox Centre please visit http://www.ethox.ox.ac.uk.

聘期：This post is fixed term for one year from the date of appointment with excellent opportunities for career development.

薪資待遇：£32,817 - £40,322 per annum

受理期間：2021 年 9 月 3 日止

相關細節請參考網址：www.recruit.ox.ac.uk (Vacancy ID：151960)

英國劍橋大學 (University of Cambridge)徵求 Biological Sciences 博士後研究員

職務名稱：Post Doctoral Research Associate (Fixed Term)

系所/單位名稱：Department of Physiology, Development and Neuroscience

申請人資格：

You will be the key person to investigate embryo and placental phenotypes in transgenic mouse models, perform molecular and next generation sequencing experiments, analyse sequencing data for epigenetic marks and gene expression, and contribute to manuscripts arising from this work.

Candidates must hold a PhD in biological sciences or have their thesis submitted when commencing the post. Candidates should have excellent organisational, collaboration and communication skills. Experience in molecular techniques and basic bioinformatics analyses is essential for this position. Experience in placental cell biology, mouse embryology and method optimisation is desirable, but not essential.

聘期：The post is available for two years in the first instance, with the possibility of extension to 5 years

薪資待遇： £32,816-£40,322 per annum

受理期間：2021 年 9 月 3 日止

相關細節請參考網址：https://www.jobs.cam.ac.uk/job/30744/

英國劍橋大學 (University of Cambridge)徵求 Politics and International Studies 博士後研究員

職務名稱：Senior Research Associate - El-Erian Institute (Fixed term)

系所/單位名稱：Department of Politics and International Studies

申請人資格：

Applications from candidates with backgrounds in behavioural economics and/or psychology and related disciplines, with strong expertise in quantitative research methods and field work (mainly: field experiments, surveys) are invited. Candidates should have a PhD degree in economics, publication experience, and strong quantitative methods skills. Knowledge of social data science methods is welcome. They should provide evidence of potential for research and publication at the highest level as well as an interest in policy engagement and sustainable development.

The post will be located in the El-Erian Institute, a new institute housed in the Department of Politics and International Studies and supported by the School of the Humanities and Social Sciences. It is led by its inaugural Director Professor Lucia Reisch, the El-Erian Professor of Behavioural Economics and Public Policy.

聘期：Fixed-term: The funds for this post are available for 3 years in the first instance.

薪資待遇： £41,526-£52,559 per annum

受理期間：2021 年 9 月 5 日止

相關細節請參考網址：https://www.jobs.cam.ac.uk/job/30939/

英國艾塞斯特大學(University of Exeter)徵求 Probabilistic Machine Learning 博士後研究員

職務名稱：Exeter / Turing Research Fellow in Probabilistic Machine Learning

系所/單位名稱：College of Engineering, Mathematics & Physical Sciences

申請人資格：

The successful applicant will be able to develop research objectives, projects, and proposals; identify sources of research funding and contribute to the process of securing funds and make presentations at conferences and other events.

Applicants will possess a relevant PhD or equivalent qualification/experience in a related field of study. The successful applicant will be a nationally recognised authority in machine learning and possess sufficient specialist knowledge in the discipline to develop research programmes and methodologies. The successful applicant will also be able to work collaboratively, supervise the work of others and act as team leader as required. Applicants will be able to work well in a team, and demonstrate a strong commitment to open, reproducible science and software development.

聘期：This new full-time 3-year post is available from 01/10/2021 to 30/09/2024 on a fixed term basis.

薪資待遇：The starting salary will be from £35,845 up to £40,322 on Grade F, depending on qualifications and experience.

受理期間：2021 年 9 月 5 日止

相關細節請參考網址：

https://jobs.exeter.ac.uk/hrpr_webrecruitment/wrd/run/etrec105gf.open?wvid=3817591jNg (Job Reference: P77033)

英國伯明罕大學(University of Birmingham)徵求 Political Sciences 博士後研究員

職務名稱：Research Fellow - (PRECEDE)

系所/單位名稱：School of Social Policy

申請人資格：

The Research Fellow will have both advanced theoretical and empirical skills, and a good understanding and interest in the field of populist studies, in particular in exploring the socio-economic and cultural factors behind populism. They will investigate the socio-economic and cultural drivers of the populist appeal using our online surveys and existing ones. Their main responsibility will be to link empirical findings to new conceptual models to understand populism and to co-author academic outputs of the highest standards (e.g. working papers, journal articles and conference presentations). In order to do so, under the guidance of the PI (Dr Lorenza Antonucci), they will liaise with the other members of the Consortium project Populism's Roots: Economic and Cultural Explanations in Democracies of Europe (PRECEDE) (www.precede.eu), funded by the Volkswagen foundation.

Person Specification

- PhD in political sciences, political sociology, economics or related disciplines with strong theoretical and empirical components (essential)
- Advanced quantitative eand statistical skills in analysing survey data (essential)
- Good theoretical and conceptual understanding of populism, in particular in relation to inequality (essential)
- Excellent academic writing skills (essential)
- Ability of working independently and as part of a team (essential)
- Track record in having presented work on populism in international conferences (preferable)
- Some track record in publishing in international refereed journals (preferable)
- Affinity with online survey methodologies and comparative survey data (the European Social Survey) (preferable)

- Advanced understanding of the interdisciplinarity debate on populism, extremism and precarity (preferable)
- Experience of collaborating with an interdisciplinary Consortium/research team (preferable)
- Experience in conducting impact outside academia (preferable)
- Ability in understanding and interpreting quantitative and statistical analyses, in particular survey data (essential)

聘期：Full Time, Fixed Term Contract until 31st March 2023

薪資待遇：starting salary is normally in the range £30,942 to £40,322

受理期間：2021 年 9 月 5 日止

相關細節請參考網址：

https://bham.taleo.net/careersection/external/jobdetail.ftl?job=210001CQ&lang=en

英國紐卡素大學 (Newcastle University)徵求 Bioinformatics 博士後研究員

職務名稱：Research Assistant/Associate Bioinformatics

系所/單位名稱：Wellcome Trust funded project

申請人資格：

You will have a strong background in computation and statistics with some knowledge of bioinformatics. You will work closely with a small post-doc team processing samples for genome/exome sequencing, 10X and smartseq-based single cell transcriptomics. We will consider applications from highly motivated PhD, MSc and BSc graduates. Experience of biological data is desirable but not essential and training can be provided.

Knowledge, Skills and Experience
- Ability to manipulate and interrogate a range of higher order data in R and experience or willingness to develop a working knowledge of Python
- High level of analytical and problem-solving capability including a sound statistical background
- Ability to communicate complex information with clarity and to encourage the commitment of others
- Experience of research with clear transferable skills and some experience or awareness of the research environment
- Presentations at conferences and/or high-quality publications
- Ability to work well as part of a team and rapidly acquire new skills
- Knowledge of variant-calling pipelines for genomic sequence variation and gene expression analysis pipelines including single cell transcriptomics analysis using data from 10X and SMARTseq platforms (Desirable)
- Knowledge of computational assets including virtual machines (Desirable)

- Knowledge of haematopoiesis and immunology (Desirable)

聘期：This is a Full time, Fixed term post until 31 May 2025

薪資待遇： Research Assistant: £28,331 - £29,176 with progression to £30,046 per annum; Research Associate £30,942 - £32,817 witrh progression to £40,322 per annum

受理期間：2021 年 9 月 5 日止

相關細節請參考網址：https://jobs.ncl.ac.uk/job/Newcastle-Research-AssistantAssociate-Bioinformatics/701089501/?locale=en_GB&utm_campaign=jobsacuk&utm_source=jobsacuk&applySourceOverride=Jobs.ac.uk

英國牛津大學(University of Oxford)徵求 Stem Cell Biology 博士後研究員

職務名稱：Postdoctoral Research Assistant in Stem Cell Biology

系所/單位名稱：Nuffield Department of Women's & Reproductive Health (NDWRH)

申請人資格：

The position would suit a candidate who is interested in developing a career in the role of stem cell biology in cancer initiation. Ideally, you will have recent experience, gained through a PhD, of stem cell biology, genome editing, organotypic models and microscopy. The position would suit an ambitious researcher who is looking to develop an independent career in biomedical sciences with a focus on Cancer and stem cell biology.

You will be able to work as part of a team and independently and deliver results to the required standard and schedule. You should also possess the ability to organise and prioritise your own work with minimal supervision and have excellent communication skills, both written and oral. The post will involve extensive interactions with collaborators in the Biomedical Sciences.

聘期：This post is full-time and fixed-term for 30 months in the first instance. Applications for flexible working arrangements are welcomed and will be considered in line with business needs.

薪資待遇：£32,817 - £40,322 p.a. (with a discretionary range up to £44,045) per annum

受理期間：2021 年 9 月 6 日止

相關細節請參考網址：www.recruit.ox.ac.uk (Vacancy ID：152360)

英國倫敦大學帝國學院(Imperial College London)徵求 Modelling Perovskite Solar Cells 博士後研究員

職務名稱：Research Associate in Modelling Perovskite Solar Cells

系所/單位名稱：Department of Materials

申請人資格：

Essential requirements

- Candidates/post holders will be expected to demonstrate the following:
- Hold a PhD (or equivalent)in theoretical or computational physical science or a closely related discipline, or equivalent research, industrial or commercial experience
- Candidates who have not yet been officially awarded their PhD will be appointed as Research Assistant.
- Practical experience within a computational research environment and / or publication in relevant and refereed journals
- Experience of electronic structure theory and methods for first-principles calculations
- Experience of training and evaluating machine learning models
- Experience of coding in Python or Julia languages
- Experience of scientific software development

聘期：Full time, Fixed term for 12 months

薪資待遇：£36,694 – £49,210 per annum plus benefits

受理期間：2021 年 9 月 6 日止

相關細節請參考網址：https://www.imperial.ac.uk/jobs/description/ENG01817/research-associate-modelling-perovskite-solar-cells

英國約克大學 **(University of York)**徵求 **Ecosystem Carbon and Biodiversity Governance** 博士後研究員

職務名稱：Postdoctoral Research Associate in ecosystem carbon and biodiversity governance

系所**/**單位名稱：Various departments

申請人資格：

Skills, Experience & Qualifications needed

- PhD in an appropriate subject area
- Knowledge of environmental and biodiversity policy and governance, with appreciation of how ecosystem carbon and biodiversity conservation relate differently to these
- Familiarity with policy indicators and monitoring of progress towards policy goals and targets
- Experience in a range of relevant qualitative and quantitative research techniques and methodologies

- Ability to develop research objectives, projects and proposals for own and joint research, with the assistance of a mentor if required
- Highly developed communication skills to engage effectively with a wide-ranging audience, both orally and in writing, using a range of media
- Ability to write up research for publication in high profile journals and competency in presenting work at conferences/other appropriate events.
- Capacity for inter- and trans-disciplinary work and willingness to work proactively with colleagues in other work areas

聘期：Full time, 37 hours per week, Fixed Term for 3 years

薪資待遇：£32,817 to £40,322 per annum.

受理期間：2021 年 9 月 6 日止

相關細節請參考網址：

https://jobs.york.ac.uk/wd/plsql/wd_portal.show_job?p_web_site_id=3885&p_web_page_id=454477&p_vacancy=postdoctoral-research-associate-in-ecosystem-carbon-and-biodiversity-governance-university-of-york&utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic

英國劍橋大學 (University of Cambridge)徵求 Biochemistry 博士後研究員

職務名稱：Research Associate - Luisi Group (Fixed Term)

系所/單位名稱：Department of Biochemistry

申請人資格：

A postdoctoral position is available in the group of Ben Luisi in the Department of Biochemistry of the University of Cambridge in Central Cambridge, to work on RNA mediated gene regulation in bacteria. (Dendooven et al. (2021) Mol Cell; Islam et al. (2021) RNA; Pei et al. (2019) eLife; Bandyra et al. (2018) Mol Cell). A multi-disciplinary approach involving biochemical, biophysical and cellular experiments will be used to elucidate the molecular mechanisms of regulatory RNA recognition and action to modulate gene expression. The ultimate goal of the project is to advance our understanding of RNA based regulation, by means of biochemical reconstitution and structural characterisation using purified protein components.

Candidates will hold or about to be awarded a PhD in Biochemistry, Biophysics or Molecular Biology and must have a proven track record of research achievements. Previous experience in the analysis of multi-protein complexes and protein-RNA interactions, as well as familiarity with biophysical techniques such as X-ray crystallography, electron microscopy and single-particle analysis would be an advantage. The position would also be suitable for

candidates trained in cellular biology and with an interest in the study of molecular mechanisms in vivo.

聘期：The funds for the post is available for 3 years in the first instance.

薪資待遇： £32,816-£40,322 per annum

受理期間：2021 年 9 月 10 日止

相關細節請參考網址：https://www.jobs.cam.ac.uk/job/30888/

英國牛津大學(University of Oxford)徵求 Privacy, Data Protection and Human Rights 博士後研究員

職務名稱：Postdoctoral Research Fellow – Privacy, Data Protection and Human Rights

系所/單位名稱：Bonavero Institute of Human Rights, Mansfield College

申請人資格：

Applicants should hold a relevant PhD/DPhil, primarily in Law, together with relevant experience; possess sufficient specialist knowledge in developments in the digital realm from a human rights perspective; demonstrate interest in, and professional familiarity with, scholarly literature and debates within the field, relevant to the project; have outstanding research skills and the ability to contribute, under the direction of the British Academy Global Professor, to the design, analysis and writing of scholarly articles, papers and monographs and an ability to communicate well and explain legal concepts and human rights developments to audiences that have limited knowledge of the subjects.

聘期：The post is full time and fixed term until 15 August 2024

薪資待遇：£32,817 - £40,322 per annum

受理期間：2021 年 9 月 10 日止

相關細節請參考網址：www.recruit.ox.ac.uk (Vacancy ID：152033)

英國南安普頓大學 (University of Southampton)徵求 Algorithmic Optimisation 博士後研究員

職務名稱：Research Fellow in Algorithmic Optimisation

系所/單位名稱：Centre of Operational Research, Management Sciences and Information Systems (CORMSIS)

申請人資格：

The successful candidate should have a strong background in computational fluid optimisation, especially optimisation of continuous black-box functions or multi-objective optimisation. The candidate should have demonstrated an aptitude for independent

research, and should have a PhD in operational research, applied mathematics, or a related discipline.

The successful candidate will become a member of the Centre of Operational Research, Management Sciences and Information Systems (CORMSIS) https://www.southampton.ac.uk/cormsis/index.page at the University of Southampton, which is one of the largest OR/MS groups in the UK and top 40 in the world for Statistics and OR (QS World Rankings 2021). They will also become a member of the Department of Decision Analytics and Risk https://www.southampton.ac.uk/business-school/about/departments/decision-analytics-and-risk.page which unites experts from areas such as business analytics that harnesses today's big data and produces information and knowledge to inform decisions; risk analysis that provides assessment and quantification of risk and an understanding of risk behaviour; knowledge management and information systems that capture and distribute information and knowledge for their effective use; and management science that provides a range of tools for scenario analysis, forecasting, optimisation, operations planning and simulation.

聘期：Full Time Fixed Term for 6 months.

薪資待遇：£32,344 per annum

受理期間：2021 年 9 月 10 日止

相關細節請參考網址：https://jobs.soton.ac.uk/Vacancy.aspx?ref=1462221PJ

英國薩塞克斯大學**(University of Sussex)**徵求 **Experimental Photonics** 博士後研究員

職務名稱：Research Fellow in Experimental Photonics

系所**/**單位名稱：Mathematical and Physical Sciences /Physics and Astronomy

申請人資格：

The successful applicant should have a PhD in a field related to our research areas, nonlinear photonics, ultrafast photonics, nonlinear wave propagation, and background preferably intersecting soliton theory and optical complexity with a good publication record.

Previous experimental experience with photonic benches implementation would be desirable, along with basic knowledge of ultrafast laser operation and a history of international involvement and aggressive publication strategy.

Evidence of potential leadership, independence and a strong motivation are also essential. Some of the typical tasks for this position include the operation of ultrafast fibre-lasers and

optical frequency combs, the design of optical benches, the acquisition of data using fast electronics and their analysis.

聘期：Full time or Part time hours considered up to a maximum of 1.0FTE.

薪資待遇：starting at £33,797 to £40,322 per annum, pro rata if part time

受理期間：2021 年 9 月 13 日止

相關細節請參考網址：https://www.sussex.ac.uk/about/jobs/research-fellow-in-photonics-ref-6557

英國杜倫大學(Durham University)徵求 Quantum Light and Matter 博士後研究員

職務名稱：Postdoctoral Research Associate in Quantum Light and Matter

系所/單位名稱：Department of Physics

申請人資格：

Qualifications

- A good first degree in physics.
- A PhD (or be close to submission) in atomic physics or a closely related subject or a related subject.

Experience

- Experience in conducting high quality academic research.
- Demonstrable ability to write material of a quality commensurate with publication in highly-ranked journals.
- Demonstrable ability to present research papers at international conferences and communicate complex information to specialists and within the wider academic community.
- Experience, knowledge and skills in experimental atomic, molecular and optical physics appropriate to the project goals, specifically including: familiarity with the operation of magneto-optical traps, experience of the production of ultracold gases, practical knowledge of optical trapping techniques, knowledge of high-resolution imaging techniques and experience of the creation of ultracold molecules.

Skills

- Demonstrable ability to work cooperatively as part of a team, including participating in research meetings.
- Ability to work independently on own initiative and to strict deadlines.
- Excellent interpersonal and communication skills.

聘期：These posts are fixed term for 15 months in the first instance, potentially extendable to 31 August 2023.

薪資待遇：Grade 7: - £33,797 - £35,845 per annum

受理期間：2021 年 9 月 14 日止

相關細節請參考網址：

https://durham.taleo.net/careersection/du_ext/jobdetail.ftl?job=21000895&tz=GMT%2B08%3A00&tzname=Asia%2FManila

英國倫敦大學帝國學院(Imperial College London)徵求 Machine Learning Systems 博士後研究員

職務名稱：Research Assistant / Research Associate in Machine Learning Systems Research

系所/單位名稱：Department of Computing

申請人資格：

Essential requirements

- To apply for this position, you must have a strong computer science background and have experience, including a proven publication track-record, in one or more of the following areas: software systems, machine learning, distributed systems, and/or big data management.
- A Master's degree (Research Assistant) or PhD degree (Research Associate) in computer science or a related area.
- Experience with the design and implementation of complex software systems in systems programming languages, such as C and/or C++
- Excellent communication skills and be able to organise your own work and prioritise work to meet deadlines.
- Knowledge of research methods, experimental systems methodology, and statistical procedures.

聘期：Full-time, Fixed term to start ASAP until 30/09/2022.

薪資待遇：£36,045 – £48,340 per annum plus benefits

受理期間：2021 年 9 月 15 日止

相關細節請參考網址：https://www.imperial.ac.uk/jobs/description/ENG01541/research-assistant-research-associate-machine-learning-systems-research

英國劍橋大學 (University of Cambridge)徵求 Conservation Science 博士後研究員

職務名稱：Postdoctoral Research Associate: Environmental impacts of people's diets (fixed term)

系所/單位名稱：Department of Zoology

申請人資格：

The successful candidate will join the UKRI-funded Mandala programme, led by Professor Martin White at the MRC Epidemiology unit in Cambridge. This programme aims to generate evidence on urban food system transformation, in order to inform promising interventions for improving city-wide health and sustainability outcomes.

This job is to develop datasets and techniques for estimating the environmental impacts of people's diets and of large-scale interventions aimed at lessening them. The outcomes will be critical in designing and evaluating pilot interventions.

You should hold a PhD in conservation science, agriculture or another relevant subject, and demonstrable skills in data manipulation, analysis and interpretation, as well as scientific communication. Experience with Life Cycle Analyses, food production data and/or species distribution information is highly desirable, as is knowledge of the empirical literature on the environmental impacts of farming. You will enjoy working with a wide range of people, as part of a team, and be able to organise your time effectively.

聘期：Fixed-term: The funds for this post are available up until 31 October 2024.

薪資待遇： £32,816-£40,322 per annum

受理期間：2021 年 9 月 15 日止

相關細節請參考網址：https://www.jobs.cam.ac.uk/job/30627/

英國牛津大學(University of Oxford)徵求 Social Cognition 博士後研究員

職務名稱：Postdoctoral Research Associate in Social Cognition

系所/單位名稱：Department of Experimental Psychology, Radcliffe Observatory Quarter

申請人資格：

An exciting opportunity has arisen for an enthusiastic and motivated researcher to join a team led by Prof Geoff Bird (Oxford) and Dr Caroline Catmur (King's College London) to work on a project funded by the Templeton Foundation entitled 'The Role of Cultural Evolution in Human Understanding'.

The successful candidate will hold (or be near to completion of) a PhD/DPhil in a closely related discipline with the ability to communicate their research, objectives, and interests effectively within a research environment. Applicants do not necessarily need to have worked in social cognition but an interest in the subject would be an advantage. A proven track record of research experience and the ability to work effectively in a team or independently is essential. An Enhanced Disclosure and Barring Service check will be required due to the possibility of working with children.

聘期：This full time, fixed-term post is funded from 1st January 2022 until 30 September 2024.

薪資待遇：£32,817 - £40,322 per annum

受理期間：2021 年 9 月 20 日止

相關細節請參考網址：www.recruit.ox.ac.uk（Vacancy ID：152605）

英國倫敦大學帝國學院(Imperial College London)徵求 Machine Learning 博士後研究員

職務名稱：Research Associate in Machine Learning-Based Spatial Audio

系所/單位名稱：Department of Electrical and Electronic Engineering

申請人資格：

We are looking for applicants with a PhD in spatial audio, audio technologies, acoustics or machine learning, or a related discipline. Ideally, you will have one or more of the following:

- Experience of applying methods from machine learning (ideally in meta-learning algorithms, although this is not essential).
- Experience with spatial audio (for example, HRTFs, models of the binaural auditory system).

In addition, you will have:

- Published high quality papers in machine learning or spatial audio/hearing.
- Excellent programming skills, especially in Python for machine learning
- Excellent verbal and written communication skills.
- Willingness to work as part of a team and to be open-minded and cooperative both internally and with external project partners.

聘期：The role is initially available for up to 18 months, ideally starting on or soon after 1st January 2022 (although there is flexibility).

薪資待遇：£40,858 – £48,340 per annum plus benefits

受理期間：2021 年 9 月 20 日止

相關細節請參考網址：https://www.imperial.ac.uk/jobs/description/ENG01810/research-associate-machine-learning-based-spatial-audio

英國倫敦大學帝國學院 (Imperial College London)徵求 Radiology 博士後研究員

職務名稱：Clinical Research Fellow in Radiology

系所/單位名稱：National Heart & Lung Institute

申請人資格：

The main purpose of this post is to provide the appointee with time, resources, and encouragement to undertake directed imaging research in progressive fibrotic lung disease. Specifically, you will be evaluating visual, and in collaboration within our research group, computer-based methods for, predicting disease progression and monitoring response to treatment in patients with pulmonary fibrosis using HRCT imaging.

Essential requirements

You will have a medical qualification with GMC registration and will have passed the full FRCR by the time the post is due to comment. They will have significant experience of specialist training in Radiology by the time of taking up the post. A subspecialist interest in cardiothoracic radiology is essential and although research experience is not required, it is desirable. Please see the Person Specification for more details.

聘期：The post is offered full time and fixed term contract of employment for 24 months.

薪資待遇：£49,036 per annum plus benefits.

受理期間：2021 年 9 月 30 日止

相關細節請參考網址：https://www.imperial.ac.uk/jobs/description/MED02295/clinical-research-fellow-radiology/?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic