

2021. 05. 상반기 / 한-EU 연구협력센터

EU Research Career

유럽 주요국 FUNDING & JOB 관련 공고정보

한-EU 연구협력센터(KERC)는 국내 신진연구자들의 유럽 내 연구경력 개발 지원을 위해 유럽 전역의 연구경력개발 관련 정보를 모니터링/분석하여 국내 수요에 부합하는 맞춤 정보를 제공하고 있습니다. 이번 호는 6-7월 마감되는 노르웨이, 독일, 스위스, 영국, 오스트리아, 폴란드, 프랑스 7개국 8건의 공고를 담고 있으며, 컴퓨터 공학, 물리학, 화학, 생물학, 환경과학 등의 분야의 신진연구자들을 대상으로 합니다.

	노르웨이	Norwegian University of Science and Technology(NTNU)	Computer science ----- Environmental science
	독일	Helmholtz Zentrum Hereon	Computational physics
	스위스	The Paul Scherrer Institute(PSI)	Chemistry
	영국	King's College London	Psychological sciences
	오스트리아	The Stefan Meyer Institute for Subatomic Physics in Vienna (SMI)	Physics
	폴란드	Centre of New Technologies of the University of Warsaw	Life Sciences
	프랑스	CNRS (Centre national de la recherche scientifique)/ University of Normandy Rouen	Mechanical engineering



Postdoc Position(3years) | Computational Physics | Germany

기관 명칭 Helmholtz Zentrum Hereon

지원 분야 Computational physics

지원 대상 박사학위 소지자

지원 내역 경력에 따른 독일 급여 체제 준수 (3년, 연장가능)

지원 마감 2021. 6. 7.

지원 자격

- PhD in physics, mathematics, computer science or equivalent
- working experience in X-ray tomography
- expertise in tomography, phase contrast imaging and image processing
- knowledge in the areas of deep learning
- proficient in a relevant programming language (python, Matlab, C/C++, CUDA, etc.)
- experience with data analysis and handling of large data sets
- team player with good communication skills
- ability to work in an interdisciplinary and international team
- excellent skills in oral and written English

상세 내용

- <https://www.hereon.de/career/vacancies/019878/index.php.en>

02

**PhD studentship(3years) | Mechanical engineering | France**

기관 명칭 University of Normandy Rouen/CNRS

지원 분야 Mechanical engineering

지원 대상 석사 학위 소지자

지원 내역 급여 2,135,00 EUR/월 (3년)

지원 마감 2021. 6. 10.

지원 자격 The candidate must have a Master degree in mechanical/chemical engineering or a close related field. The post requires sound knowledge of fluid mechanics and heat transfer, a high level of communication skills, both oral and written in English required to be able to present at conferences and write articles in scientific publications, and sound knowledge of programming and data processing for computational fluid dynamics (CFD). We are looking for a PhD fellow who will be able to become fully involved with the project, with a thirst for knowledge, a certain independence of thought and strong motivation to develop skills in the field of CFD applied to industrial applications. In addition, the candidate must be able to work in a team on multi-disciplinary projects. Applications must include a detailed CV; at least two references (people who may be contacted); a cover letter of one page; a one-page résumé of the dissertation for the Masters; grades for the Masters 1 or 2 or the engineering degree).

상세 내용 <https://euraxess.ec.europa.eu/jobs/638463>

03

**Postdoc Researcher | Computer science | Norway**

- 기관 명칭** Norwegian University of Science and Technology(NTNU)
- 지원 분야** Computer science (H2020 RIA ALAMEDA project)
- 지원 대상** 박사 후 1~4년
- 지원 내역** 급여 545,300 NOK/년 (2년)
- 지원 마감** 2021. 6. 15.
- 지원 자격**
- Strong Expertise in AI/DL/ML: publications and projects especially in the field of visual data and time series processing.
 - Behaviour, emotion, and gait analysis and understanding, based on sensory-data analysis.
 - Large-scale data analysis, especially medical signal/image analysis is of great interest.
 - Optimization, motion analysis, feature classification for diagnosis.
 - Matlab, OpenCV, Python, TensorFlow, PyTorch, Latex.
 - Good written and oral English language skills.
- 상세 내용**
- <https://www.jobbnorge.no/en/available-jobs/job/206068/postdoc-researcher-at-norwegian-colour-and-visual-computing-laboratory>

04 **Postdoctoral Fellow(3-4years) | Environmental Science | Norway**

기관 명칭 Norwegian University of Science and Technology(NTNU)

지원 분야 Environmental science (H2020 project OceanNETs)

지원 대상 박사학위 소지자

지원 내역 급여 545,300 NOK/년 (3-4년)

지원 마감 2021. 6. 18.

- 지원 자격**
- PhD in climate sciences, carbon cycle and biogeochemistry, climate modelling, atmospheric and oceanic physics, land surface modelling
 - Hands-on experience in running Earth system models (e.g. NorESM, CESM) and analysing their output
 - Good programming skills in one or several languages (e.g., Python, Fortran, Matlab, R, C++)
 - Competence on mathematical modelling, simulation or optimization is strongly desired
 - Solid understanding of fundamentals of the global carbon cycle
 - Strong, well matured, and well-articulated motivation for working on the topic at hand is required. The candidates must therefore in their application provide a 1-2 page letter where they describe: i) their motivation for doing a Post Doc in this domain, and ii) how they see their competence and capabilities as relevant for the position
 - The candidates selected for interview will be asked to demonstrate good ability to absorb and present material from the research frontier on the matters at hand
 - Strong analytical capabilities
 - Excellent written and oral English language skills

상세 내용 • <https://www.jobbnorge.no/en/available-jobs/job/205829/postdoctoral-fellow-carbon-dioxide-removal-modelling>

05



Post doctoral Fellow(2years) | Environmental science | Switzerland

- 기관 명칭** The Paul Scherrer Institute(PSI)
- 지원 분야** Chemistry, Environmental science
- 지원 대상** 박사학위 소지자
- 지원 내역** 2년 근로 계약
- 지원 마감** 2021. 6. 30.
- 지원 자격**
- PhD degree in chemistry, energy, environmental research with a strong background on mass spectrometry, ideally with knowhow on PTR-MS techniques
 - Good programming skills
 - Able to set up a complex lab study
 - Very good english oral and writing skills
 - Proven excellent publication record

상세 내용 <https://www.psi.ch/en/pa/job-opportunities/45163-postdoctoral-fellow>

06

**Postdoc Position | Physics | Austria**

- 기관 명칭** The Stefan Meyer Institute for Subatomic Physics in Vienna (SMI)
- 지원 분야** Physics
- 지원 대상** 박사학위 소지자
- 지원 내역** 급여 55,242,60 EUR/년 (9개월)
- 지원 마감** 2021. 7. 1.
- 지원 자격**
- Applications are invited from candidates with a PhD in a relevant field of physics
 - Proven expertise in analysis of experimental data is mandatory
 - Experience in underground experiments and/or cosmic background studies as well as low-counting spectroscopy is considered a plus
 - Excellent communication skills in English and Italian are expected
 - Any experience of German would be an advantage
- 상세 내용**
- <https://www.wur.nl/en/vacancy/Postdoc-position-Analysis-and-Modelling-of-Complex-Biological-Data.htm>

07



Postdoc Position(1year) | Life Science | Poland

- 기관 명칭** Centre of New Technologies of the University of Warsaw
- 지원 분야** Life Sciences (molecular biology, biophysics, bioinformatics)
- 지원 대상** 박사 후 7년 미만
- 지원 내역** 급여 7 300 – 9 200 PNL/월
- 지원 마감** 2021. 7. 15.
- 지원 자격**
- PhD degree in molecular biology, genomics or related discipline. The PhD degree should be obtained before the date of employment in the project
 - Excellent knowledge of English
 - Team work skills and experience
 - Documented experience with the whole genome sequencing, epigenomic and 3D genomics dataset production
 - Biological knowledge and technical experience of chromatin-related genomics experiments: DNA sequencing, epigenomics, RNAseq, ATACses, HiC, HiChIP, ChIA-PET, iBLESS
 - Knowledge of basic molecular biology techniques (electrophoresis, PCR, qPCR), experience in human cell lines culture
 - Documented experience in next generation sequencing methods of DNA for human cell lines and individuals
 - Essential requirements cover the ability to work in collaboration with others, within a large research team, performing several parallel
 - Needed the highly motivated individuals willing to work in an interdisciplinary environment under stress and with strict deadlines.
- 상세 내용**
- <https://konkursydlauczycieli.uw.edu.pl/api/document/893/datafile/pdf>

08



Post-dotoral Research Associate | Psychological sciences | United Kingdom

기관 명칭 King's College London

지원 분야 Psychological sciences(psychology, neuroscience, life sciences, genetics, epidemiology)

지원 대상 박사학위 소지자

지원 내역 38,304-40,414 GBP/년 (4년)

지원 마감 2021. 7. 25.

근무 개시 2021. 10-11월

- 지원 자격**
- PhD, preferably in Behavioural/Psychiatric/Statistical Genetics
 - Active interest in supporting a diverse research environment
 - Experience analysing twin/family/pedigree data, genomic data, or both
 - Experience writing and publishing papers reporting genetic analyses of mental health or other complex traits
 - Excellent attention to detail (e.g. in data management)
 - Interest in mental health, especially depression and anxiety
 - Excellent time management and ability to see projects through to the end
 - Interest in collaborative working, and experience of working well within a team
 - Willing to take on a challenge
 - Awareness of and interest in Open Science practices

상세 내용

• https://www.timeshighereducation.com/unijobs/listing/253861/post-doctoral-research-associate/?TrackID=427338&utm_source=euraxess&utm_medium=aggregator&utm_campaign=2021-05-09