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 4-7월 마감되는 네덜란드, 노르웨이, 독일, 벨기에, 프랑스 5개국 9건의 공고를 담고 있으며,
물리학, 화학, 생물학, 환경과학 등의 분야의 신진연구자들을 대상으로 합니다.

KERC
Korea-EU Research Centre

네덜란드	Wageningen University & Research	Physics
	Delft University of Technology	Physics
노르웨이	NTNU Norwegian University of Science and Technology	Chemistry, Engineering, Physics
독일	University of Mainz	Biological Sciences, Chemistry
	Alfred Wegener Institut Helmholtz Zentrum fur Polar und Meeresforschung	Environmental Science
벨기에	IMEC	Memory Technologies
	VIB (Vlaams Instituut voor Biotechnologie)	Neurobiology
프랑스	CNRS (Centre national de la recherche scientifique)	Neurosciences
	CNRS (Centre national de la recherche scientifique)	New physics

Postdotoral Position | Memory Technologies | Belgium

기관 명칭   IMEC

지원 분야   Chemistry, Physics, Materials Science or Engineering

지원 대상   박사 후 4년 이하

지원 내역   KULeuven을 통한 장학금

지원 마감   2021. 4. 26

지원 자격
- You have a PhD degree in Chemistry, Physics, Materials Science or Engineering.
- You have professional experience with chemical vapor or atomic layer deposition and physical characterization of thin films.
- Experience with materials specifically for memory technologies is an asset.
- You are flexible in working for different memory technologies in parallel.
- You work according to a well-structured methodology and can define clear goals.
- In view of the international environment, good English communication skills are required

상세 내용   https://www.imec-int.com/en/work-at-imec/job-opportunities/postdoctoral-researcher-atomic-layer-deposition-memory-technologies

02

Postdotoral Position(2years) | New physics | France

기관 명칭	CNRS/The Institut de Physique des 2 Infinis de Lyon
지원 분야	Physics
지원 대상	박사 후 4년 이하
지원 내역	2,675 EUR/월
지원 마감	2021. 4. 26.
근무 개시	2021. 9. 1.

지원 자격

- The candidate should have outstanding experience in physics data analysis and will contribute to instrumentation activities, thus a prior experience in instrumentation is a plus. The candidate should also have strong coding skills, be able to develop or maintain physics data analysis frameworks and contribute to data acquisition and control software for the tracker upgrade.

상세 내용   https://emploi.cnrs.fr/Offres/CDD/UMR5822-FLOJAC-033/Default.aspx?lang=EN

03

Postdotoral Position(2+1years) ┃ Physics ┃ Netherlands

기관 명칭   Wageningen University & Research

지원 분야   Physics

지원 대상   박사학위 소지자

지원 내역   급여 2,790.00~5,127.00 EUR/월

지원 마감   2021. 5. 3.

지원 자격
- Has a PhD in biophysics, theoretical physics, computational or theoretical biology, or a related relevant subject

- Has a passion for applying physics and computational approaches to biological systems

- Is a team-player, has a creative mind and is well organized (to be able to work on a diverse set of topics in parallel)

- Has a strong drive to excel in a competitive international environment

- Has proven analytical and computational skills (including proficiency in at least one of the relevant data science software languages such as Python, Matlab, C or C++)

- Has experience in data analysis and modelling (knowledge about inverse and forward dynamics, with experience with cellular Potts models as a plus)

- Has a hands-on mentality to design and (where needed) perform experiments

- Has excellent communication skills in English, both speaking (incl. Presenting) and writing with a minimal proficiency level CEFR C2. For more information about this proficiency level, please visit our special language page

https://www.wur.nl/en/vacancy/Postdoc-position-Analysis-and-Modelling-of-Complex-Biological-Data.htm

상세 내용

04 Postdotoral Researcher(Max.2years) | Neurosciences | France

기관 명칭	CNRS
지원 분야	Neurosciences
지원 대상	박사 후 1~4년
지원 내역	급여 2,728.26~3,881.29 EUR/월 (2년/1+1)
지원 마감	2021. 5. 6.
근무 개시	2021. 9.

지원 자격

- An adventurous and talented (who doesn't) scientist with a strong experimental background and proficiency in running electrophysiological animal experiments and data analysis

- Previous experience in the auditory field, in ultrasound stimulation techniques and/or in computational modeling will be a plus

- Good Matlab programming and writing skills are required

상세 내용   https://emploi.cnrs.fr/Offres/CDD/UMR7031-SANGUE-020/Default.aspx?lang=EN

05

Postdotoral Position(3years) | Environmental Science | Germany

기관 명칭	Alfred Wegener Institut Helmholtz Zentrum für Polar und Meeresforschung
지원 분야	Environmental science
지원 대상	박사학위 소지자
지원 내역	독일 E13 TVöD-Bund (€3,438.27-€4,962.10/월)
지원 마감	2021. 5. 13.
근무 개시	2021. 7.

지원 자격

- PhD in computer science, applied mathematics/statistics, information science, physics or related field
- Excellent knowledge in the field of artificial intelligence, especially neural networks and deep learning
- Good knowledge of modern techniques like Keras, Tensorflow, etc.
- Good computing skills and knowledge of at least one high-level programming language (e.g. C++, Python)
- Good knowledge in full-stack web development, including back-end (e.g. PHP, Laravel, Node.js, Django etc.) and frontend (e.g. JavaScript, HTML5 canvas, jQuery, vue.js, react.js etc.)
- Knowledge with GitHub or Docker is beneficial
- Experience with large and complex datasets is an asset
- Knowledge of data formats like netCDF is helpful
- Experience with climate or ocean research is a plus
- Good working knowledge of the English language, and
- Willingness to present research results at international conferences, publish in peer-reviewed journals and participate in research expeditions to the Arctic Ocean

상세 내용   https://recruitingapp-5442.de.umantis.com/Vacancies/817/Description/2?lang=eng

06 **Postdoc Posotion(2years) | Materials Science and Engineering | Norway**

기관 명칭   Norwegian University Of Science & Technology – NTNU

지원 분야   Chemistry, Engineering, Physics

지원 대상   박사학위 소지자

지원 내역   급여 545,300.00 NOK/년

지원 마감   2021. 5. 28.

지원 자격
- Norwegian doctoral degree in Materials Science and Engineering, Physics, Chemistry, Chemical Engineering, or a corresponding foreign doctoral degree recognized as equivalent to a Norwegian doctoral degree is required

- Good knowledge of fundamental electrochemistry and physical chemistry and experience with creating physically based models

- Experience in numerical modelling, e.g., solving differential equations or atomistic modelling

- Programming experience in a language typically used in scientific computing

- Writing scientific documents in English

- Good communication skills

- Good written and oral English language skills; Norwegian language skills are seen as an additional advantage

상세 내용   https://euraxess.ec.europa.eu/jobs/629642

07

Postdoc Position(2-4years) ▎ Physics ▎ Netherlands

기관 명칭   Delft University of Technology (TU Delft)

지원 분야   Physics

지원 대상   박사 후 1~5년

지원 내역   급여 2,790.00~4,402.00 EUR/월

지원 마감   2021. 6. 11.

지원 자격
- A strong, curiosity-driven, and conceptually-minded candidate who enjoys computational data analysis and scientific discussion

- Have a PhD or comparable research experience

- Have a background in either modeling or observation of clouds, or in a relevant branch of physics or a similar field

- Have extended programming experience, especially for data analysis

- To communicate fluently in English (oral and written)

https://www.tudelft.nl/over-tu-delft/werken-bij-tu-delft/vacatures/details?jobId=2693&jobTitle=Postdoc%20Position%20Dynamical%20Systems%20Perspective%20on%20Arctic%20Mixed-Phase%20Clouds

상세 내용

08 Postdoc Position(2+2years) ▌Biological Sciences, Chemistry ▌Germany

기관 명칭	University of Mainz
지원 분야	DNA hydrogels, cell culture, mechanobiology
지원 대상	박사학위 소지자
지원 내역	독일 E13 TVöD-Bund (€ 3,438.27-€ 4,962.10/월)
지원 마감	2021. 7. 31.
근무 개시	2021. 10.

지원 자격
- As an ideal candidate you are creative, highly self-motivated, ambitious and communicative to excel in scientific challenges, and have a proven track record with innovative publications in cell culture, extracellular matrix materials, mechanobiology, and hydrogels. Previous research experience in DNA-based materials or molecular force-sensing is a plus.

상세 내용   https://euraxess.ec.europa.eu/jobs/629331

09

Postdotoral Position(2years) | Neurobiology | Belgium

기관 명칭　VIB (Vlaams Instituut voor Biotechnologie)

지원 분야　Neurobiology (molecular, cellular, developmental, systems)

지원 대상　박사학위 소지자

지원 내역　최소 2년간 EU내, 벨기에 국내 Fellowship 지원

지원 마감　없음

지원 자격
- Ph.D. in neurobiology (molecular, cellular, developmental, systems) or related disciplines
- A solid publication record with first-author research publication(s) in peer-reviewed international journals
- Team player
- Desirable but not required
- Prior experience with mouse neurobiology and molecular biology
- Prior experience with genomics, transcriptomics, proteomics or bioinformatics
- Prior experience with iPSC biology
- Prior experience with microglia biology

상세 내용　https://jobs.vib.be/j/35375/postdoc-position-complex-genetics-and-microglia-function-in-alzheimers-disease