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 22년 3월~22년 4월 마감되는 네덜란드, 스웨덴, 스위스, 프랑스 4개국 7건의 공고를 담고 있으며, 물리학, 컴퓨터 공학, 생명학, 화학, 공학 등의 분야의 신진연구자들을 대상으로 합니다.
<table>
<thead>
<tr>
<th>Country</th>
<th>Institution</th>
<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>네덜란드</td>
<td>Delft University of Technology (TU Delft)</td>
<td>Physics</td>
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<td></td>
<td>Wageningen University &amp; Research</td>
<td>Physics</td>
</tr>
<tr>
<td>스웨덴</td>
<td>Mälardalen University (MDH)</td>
<td>Engineering</td>
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<td>Computer science</td>
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<tr>
<td>스위스</td>
<td>Paul Scherrer Institut Viligen</td>
<td>Engineering</td>
</tr>
<tr>
<td>프랑스</td>
<td>Saint Martin d'Hères/ CNRS</td>
<td>Chemistry</td>
</tr>
<tr>
<td></td>
<td>Research Center for Respiratory Diseases, Inserm U1100</td>
<td>Biological Sciences</td>
</tr>
</tbody>
</table>
Postdoctoral Fellow (2 Years) | Engineering | Switzerland

**Postdoctoral Fellow (2 Years)**

- **Institution:** Paul Scherrer Institut Villigen
- **Field:** Engineering, Physics
- **Position:** PhD degree in Physics, Materials Science, Mechanical Engineering or related fields
- **Experience:**
  - Experience in either synchrotron X-Ray diffraction / imaging or additive manufacturing
  - Affinity with at least one programming language
  - Good communication skills in English (oral / written)
  - Experience with electron microscopy, EBSD, CAD packages or LabVIEW is of advantage

**Closing Date:** 2022. 2. 28.

**Application:**

### Postdoctoral Scholarship (1+1 Years) | Engineering | Sweden

<table>
<thead>
<tr>
<th>기관 명칭</th>
<th>Mälardalen University (MDH)</th>
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<tbody>
<tr>
<td>지원 분야</td>
<td>Engineering</td>
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<tr>
<td>지원 대상</td>
<td>박사학위 소지자 (R2)</td>
</tr>
<tr>
<td>지원 내역</td>
<td>25,000 SEK/월 (세후)</td>
</tr>
<tr>
<td>지원 마감</td>
<td>2022. 2. 28.</td>
</tr>
<tr>
<td>지원 자격</td>
<td>Scholarship may be granted only to non-Swedish citizens with a PhD or equivalent acquired in another country than Sweden. The applicant must not have been employed by Linköping University previously.</td>
</tr>
<tr>
<td></td>
<td>The applicant must have or be about to receive a doctoral degree in a subject relevant to the research project (e.g. material science, applied physics, electrical engineering) and needs to be passionate about research.</td>
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<tr>
<td></td>
<td>Experience in stretchable electronics or neural interfaces will also be valued.</td>
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<tr>
<td></td>
<td>Problem solving ability, creativity and relative fluency in English are essential.</td>
</tr>
</tbody>
</table>

Post-doc (1+1 Years) | Physics | Netherlands

 department name | Delft University of Technology (TU Delft)

 discipline | Physics

 degree | Park Doctorate Candidate (R2)

 grade | Experience-dependent Salary (2,836~4,474 euros/month)

 application period | 2022. 3. 1.

 qualifications:
- He or she has a demonstrable interest in optical imaging, optical instrument design/construction, and signal/image processing.
- The candidate should have an PhD degree in Applied Physics, Electrical Engineering, or the equivalent.
- Affinity with agriculture and/or biology would be a plus.
- The post-doc position is firmly imbedded in a physics environment, but it is expected from the candidate to interact with a team of plant biologists and plant breeders.
- Good communication skills in English are required; knowledge of Dutch is an advantage.

The postdoc will focus on developing theoretical foundations and algorithms that enable designing scalable and energy-efficient DL models with low energy footprint and facilitate fast deployment of complicated DL models for a diverse set of edge devices satisfying given hardware constraints.

https://www.hipeac.net/jobs/12787/postdoc-in-energy-efficient-deep-learning-models/
Post-doct (1 Year) | Chemistry | France

기관 명칭  Saint Martin d'Hères/ CNRS

지원 분야  Chemistry

지원 대상  박사학위 소지자(R1-4)

지원 마감  2022. 3. 15.

지원 자격
  • To be eligible, post-doc candidates should hold a Ph.D. or doctoral degree and 1 or 2 years Postdoctoral position (ideally in internationally recognized laboratory)
  • The post-doc will have to propose her/his own research topic in complementarity and based on the existing topics:
    - Carbohydrate chemistry and Applications in Biology
    - Controlled Self-assembly of Glycoamphiphiles
    - Smart Biomaterials made using Electrospinning tool
    - Self-assembly of carbohydrate block copolymers: thin films and glyconanoparticles

상세 내용  https://www.abg.asso.fr/fr/candidatOffres/show/id_offre/101712
Postdoc Position (1+1 Years) | Physics | Netherlands

**치경 명칭**  Wageningen University & Research

**지원 분야**  Physics

**지원 대상**  박사학위 소지자 (R2)

**지원 내역**  경력에 따른 급여 (2,790~4,402 유로/월)

**지원 마감**  2022. 3. 31.

**지원 자격**

- A PhD degree in an NMR/MRI-related field with experience working with pulse sequence development and implementation, preferably on high-field Bruker NMR spectrometers;
- research experience and familiarity with pre-clinical studies;
- a strong motivation to work flexibly and creatively in a cross-disciplinary environment;
- very good communications skills and ability to interact constructively with physicists, chemists, engineers and technicians;
- a good command of the English language.

Postdoctoral research position (30 Months) | Biological sciences | France

Highly motivated candidates (F/M/D) with a proven track record of scientific accomplishments are encouraged to apply.

- Applicants should hold a PhD or a MD/PhD degree in Immunology or Virology. Expertise in cell culture and mouse vivo models is necessary.
- Previous hands-on experience on virology and immunological techniques will be ideal. Experience in medicinal chemistry will be also a plus. Good communication skills are essential in English.

https://www.abg.asso.fr/fr/candidatOffres/show/id_offre/101407