SEPnet PhD graduates 2018-2019 (N 106)

Who do physics PhD graduates work for?

National Coordinating Centre for the Physics of Mammography
Centronic NATS
Centre National de la Recherche Scientifique
NERC Institute
Mettler-Toledo Safeline X-ray Ltd
Babylon Health
Laboratory of High Energy Physics
Senseye
London Centre for Nanotechnology
HSBC Global Banking and Markets
European Southern Observatory
CERN
Royal Pharmaceutical Society
NASA Johnson Space Centre FSA
The Netcast Community
Mindlab International
JPMorgan Chase & Co
Oxford Instruments
Cryogenic Limited NPL
Mosaic Smart Data
Ocado Technology
Legal & General National Trust
Ernst & Young NKT Photonics
OpenSistemas
Flowminder, Sweden UKAEA
Cisco

For further information email employerengagement@sepnet.ac.uk
What advice do PhD graduates in their first job role offer?

**SKILLS**
- Know your value and values
- The skills you have attained are highly transferable
- Focus on your skills more than your technical experience
- Take every opportunity to expand your skill set

**EXPERIENCE**
- Tools you’ve picked up from your PhD will help you to progress quickly
- Invest time in learning how to program properly
- Seek internships

**CONTACT**
- Network within a professional body like the Institute of Physics!
- Put yourself out there!
- Ask your supervisor where previous students have gone
- LinkedIn is a great tool
- Contacts and networks are key

### Examples of research area and job roles

<table>
<thead>
<tr>
<th>PhD</th>
<th>Job Role</th>
<th>Organisation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics</td>
<td>Centre for Ecology and Hydrology</td>
<td>NERC Institute</td>
</tr>
<tr>
<td>Astrophysics</td>
<td>Quant / Data Scientist</td>
<td>Mosaic Smart Data</td>
</tr>
<tr>
<td>Physics</td>
<td>Project Engineer</td>
<td>Cryogenic Limited</td>
</tr>
<tr>
<td>Theoretical Physics</td>
<td>Data Analyst and Developer</td>
<td>Flowminder</td>
</tr>
<tr>
<td>Advanced Technology</td>
<td>Assistant Acoustic Consultant</td>
<td>RBA Acoustics Ltd</td>
</tr>
<tr>
<td>QML (Quantum, Light and Matter)</td>
<td>Data Research Scientist</td>
<td>Senseye</td>
</tr>
<tr>
<td>Advanced Technology</td>
<td>Accounts Payable Clerk</td>
<td>National Trust</td>
</tr>
<tr>
<td>Nuclear Physics</td>
<td>Medical Physicist</td>
<td>Royal Surrey County Hospital</td>
</tr>
<tr>
<td>Physics</td>
<td>Operational Researcher Fast Streamer</td>
<td>Foods Standards Agency</td>
</tr>
<tr>
<td>Astrophysics</td>
<td>Manager, Data Analyst/Machine Learning Developer</td>
<td>Vocalink Mastercard company/Retinascan</td>
</tr>
<tr>
<td>Particle Physics</td>
<td>Associate Member - ATLAS</td>
<td>CERN</td>
</tr>
<tr>
<td>Astrophysics</td>
<td>Postdoctoral Researcher</td>
<td>Centre National de la Recherche Scientifique</td>
</tr>
<tr>
<td>Physics</td>
<td>Fellow</td>
<td>European Southern Observatory</td>
</tr>
<tr>
<td>Physics</td>
<td>Product Development Engineer</td>
<td>NKT Photonics</td>
</tr>
</tbody>
</table>

For further information email employerengagement@sepnet.ac.uk