Max Planck Society

Research Careers: National and European funding opportunities for early careers researcher
Mission and Guiding Principles

• Cutting-edge basic research, curiosity-driven
• Scientific Autonomy
• Harnack Principle – People not programs
• Long-term trust systems with significant core funding for high-risk projects
Scientific Sections

Biology and Medicine Section: 40 %*
Chemistry, Physics, and Technology Section: 50 %*
Humanities and Social Sciences Section: 10 %*

*estimated proportion of total budget
Newest Max Planck Centers

Max Planck Harvard Research Center for Quantum Optics
Cambridge, Massachusetts, USA
seit Januar 2018

Max Planck – Cambridge Centre for Ethics, Economy and Social Change
Cambridge, Großbritannien
seit März 2018

Max Planck – Yale Center for Biodiversity Movement and Global Change
New Haven, Connecticut, USA
seit Mai 2018
International comparison

**TOP INSTITUTIONS complete index**

1. Chinese Academy CAS, China
2. Harvard, USA
3. MAX PLANCK, Germany
4. CNRS, France
5. Stanford, USA
6. MIT, USA
7. Helmholtz Association, Germany
8. University of Tokyo, Japan
9. University of California Berkeley, USA
10. Cambridge, UK

**TOP INSTITUTIONS Nature & Science Journals**

1. Harvard, USA
2. Stanford, USA
3. MAX PLANCK, Germany
4. MIT, USA
5. Columbia, USA
6. Caltech, USA
7. University of California San Francisco, USA
8. University of California Berkeley, USA
9. Cambridge, UK
10. Chinese Academy CAS, China
18 Nobel Prize Laureates since 1948

2014 – Nobel Prize for Chemistry
Stefan W. Hell

2007 - Nobel Prize for Chemistry
Gerhard Ertl

2005 - Nobel Prize in Physics
Theodor Hänsch

1995 - Nobel Prize in Medicine
Christiane Nüsslein-Volhard

1995 - Nobel Prize for Chemistry
Paul Crutzen J.

1991 - Nobel Prize in Medicine
Erwin Neher

1991 - Nobel Prize in Medicine
Bert Sakmann

1988 - Nobel Prize for Chemistry
Robert Huber

1988 - Nobel Prize for Chemistry
Hartmut Michel

1988 - Nobel Prize for Chemistry
Johann Deisenhofer

1986 - Nobel Prize in Physics
Ernst Ruska

1985 - Nobel Prize in Physics
Klaus von Klitzing

1984 - Nobel Prize in Medicine
Georges Köhler

1973 - Nobel Prize in Medicine
Konrad Lorenz

1964 - Nobel Prize in Medicine
Manfred Eigen

1963 - Nobel Prize for Chemistry
Karl Ziegler

1954 - Nobel Prize in Physics
Walter Bothe
Each Max Planck Institute / each director

...has his/her own budget
...recruits personnel
...procures third-party funds
...selects research topics
...shapes the research structure (projects / departments)
The Max Planck Society has a total workforce of 21,405 employees, including ca. 5,500 scientists and junior researchers as well as Ca. 4,600 guest scientists and grantholders.
### International Scientific Staff

#### International share of staff

<table>
<thead>
<tr>
<th>Category</th>
<th>Total</th>
<th>From outside Germany</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Directors ¹</td>
<td>301</td>
<td>108</td>
<td>35.9%</td>
</tr>
<tr>
<td>Max Planck Research Group Leaders ¹</td>
<td>139</td>
<td>63</td>
<td>45.3%</td>
</tr>
<tr>
<td>Postdocs ¹</td>
<td>2,716</td>
<td>2,022</td>
<td>74.4%</td>
</tr>
<tr>
<td>Visiting scientists ¹</td>
<td>1,843</td>
<td>1,017</td>
<td>55.2%</td>
</tr>
<tr>
<td>PhD students ¹</td>
<td>3,474</td>
<td>1,920</td>
<td>55.3%</td>
</tr>
</tbody>
</table>

¹ As of 31 Dec 2017
Career at Max Planck: guidelines, transparency, support

Learning

PhD
- 3+1 years
- "Multi-eyes" principle for supervision
- Career Mentoring
- Framework conditions (work & family life)

Postdoc
- Flexibility
- Limited timeframe
- Status talks are mandatory
- Framework conditions (work & family life)

Qualification

Group Leader
- Predictability and transparency of career paths
- Extension option (starting a family)
- Framework conditions (work & family life)

Appointment

W2
- Uniform procedures
- Uniform quality standards
- Transparency
- Framework conditions (work & family life)
Your PhD at one of our Graduate Schools

- 64 IMPRS with around 3,000 PhD students
- Structured PhD student training in cooperation with universities
- 74 Max Planck Institutes involved
- 36 universities in Germany involved
- More than 55% of PhD students are from outside Germany

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(As per 01/2017)
# Career Perspectives

<table>
<thead>
<tr>
<th>MAX PLANCK RESEARCH GROUP LEADERS</th>
<th></th>
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<tbody>
<tr>
<td><strong>5.69%</strong></td>
<td>Continuation at the MPI in W2 positions (TvÖD 4.75%)</td>
</tr>
<tr>
<td><strong>10.76%</strong></td>
<td>MPI-Director Scientific Member</td>
</tr>
<tr>
<td><strong>45.89%</strong></td>
<td>W3 University Professor DE &amp; abroad (13.6% W2)</td>
</tr>
<tr>
<td><strong>19.4%</strong></td>
<td>Other Scientific Institutions Economy / Other</td>
</tr>
</tbody>
</table>

(As per 05/2018)
Attracting talent: Lise Meitner Excellence Program

Contact
If you have any further questions on the Lise Meitner Excellence Program, please email us at lme@gv.mpg.de.

The Announcement for Lise Meitner Group positions 2018 has closed.

FAQs Lise Meitner Excellence Program

Portrait of Lise Meitner
The new excellence program is named after Lise Meitner (1878-1968), the internationally outstanding scientist of the 20th century. Meitner, more than almost any other woman scientist of her time, serves as a role model for female scientists in top positions today.

Lise Meitner Excellence Program
From 2018, up to ten Lise Meitner Groups per year will be advertised to recruit and promote exceptionally qualified female scientists as part of this new excellence program.

The Max Planck Society has already initiated a number of measures to attract increasing numbers of women to a career in science and provide them with equal opportunities for all stages of their career. Now a new initiative has been launched: From 2018, up to ten further Lise Meitner Groups will be advertised to recruit and promote exceptionally qualified female scientists as part of the new Lise Meitner Excellence Program. There will be a multi-stage, competitive selection process, held in close consultation with interested Max Planck Institutes. The Lise Meitner Groups are furnished with their own resources for their entire duration of five years.
There are two ways to get your PhD with us:

 apply directly to a Max Planck Institute or
 join an International Max Planck Research School (IMPRS)

PostDocs should apply directly to the Max Planck Institute of their choice

Max Planck Research Group Leader Positions are advertised individually by the institutes when the need arises
Thank you for your attention!

Dr. Christiane Haupt
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