

Particle Physics School Colloquium

- Welcome
- Introduction to the PhDnet
- Agenda / Feedback questionnaires

Preliminary 2018 agenda

October 2018

 18 Oct [Particle Physics School Colloquium](#) 

July 2018

 16 Jul - 20 Jul [IMPRS Young Scientist Workshop at Harnack-Haus Berlin](#)

June 2018

 21 Jun [Particle Physics School Colloquium](#) 

April 2018

 26 Apr [Particle Physics School Colloquium](#) 

March 2018

 12 Mar [40th IMPRS Workshop](#) 

February 2018

 22 Feb [Particle Physics School Colloquium](#) 

January 2018

 16 Jan - 19 Jan [Block Course: Introduction to the Standard Model of Particle Physics](#) 

Max Planck PhDnet

What is this about?

- There is a thing called the PhDnet, we are all part of it
- I want to show what it is, how it works, and who is active.
- There is an annual meeting (this year: 8 – 10 Nov)
 - I want to show *parts* of the introduction
- There was large survey last year (2218 participants)
 - I want to show *some* of the results
- The full sets of slides are on Indico if you want to know more

PhDnet Annual Report



Leonard Borchert
2017 PhDnet Spokesperson



Max-Planck-Institut
für Meteorologie

The Max Planck Society



83 institutes in Germany (and the Netherlands, Italy, and the USA) with ~9,000 researchers and ~4,500 doctoral researchers in 60 Grad Schools at 80 institutes

Focus on basic research

„Insight must precede application“

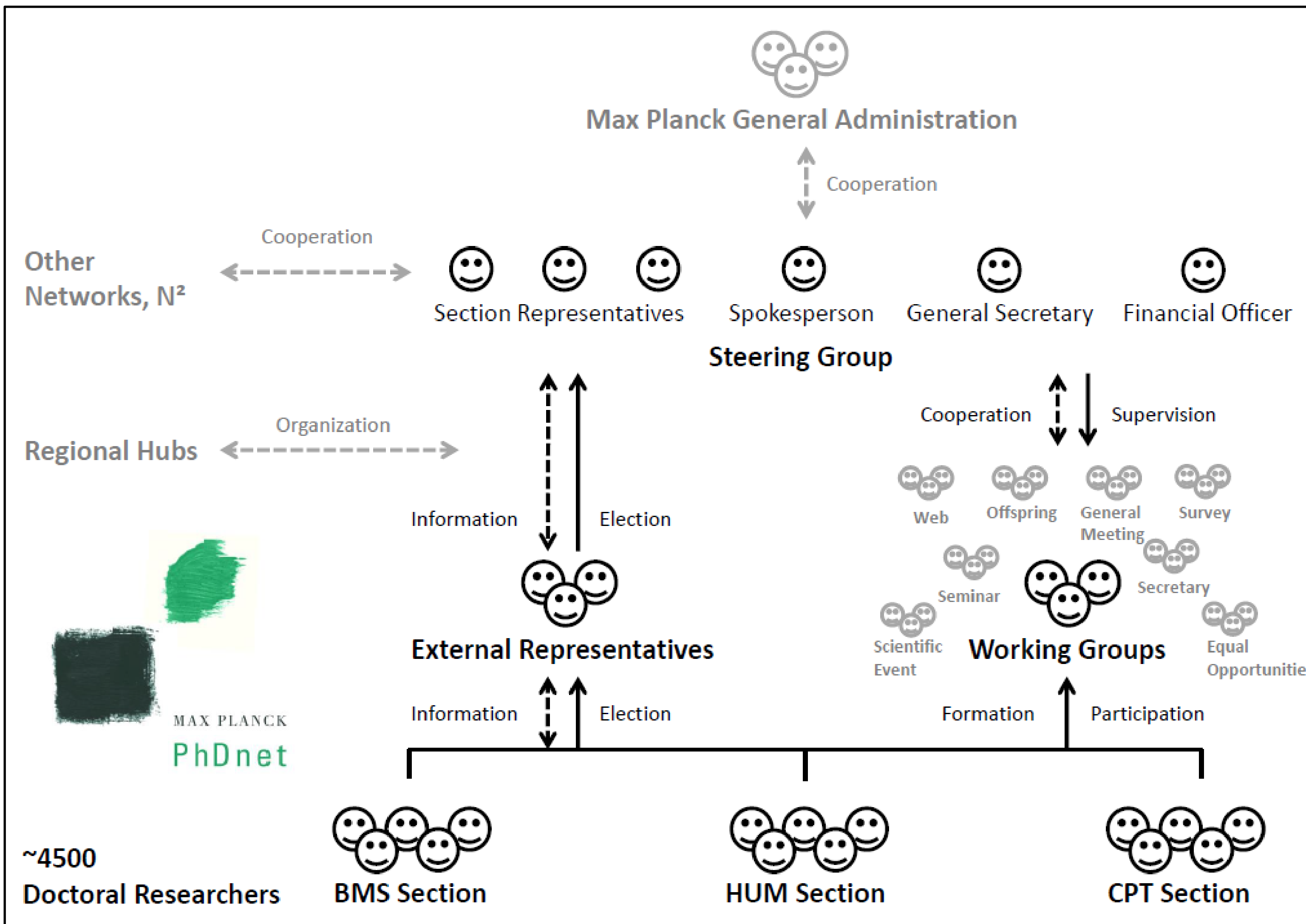
3 Sections:

Biology and Medicine (BMS)

Chemistry, Physics and Technology (CPTS)

Humanities (HUM)

Max Planck PhDnet - Structure



Founded 2003

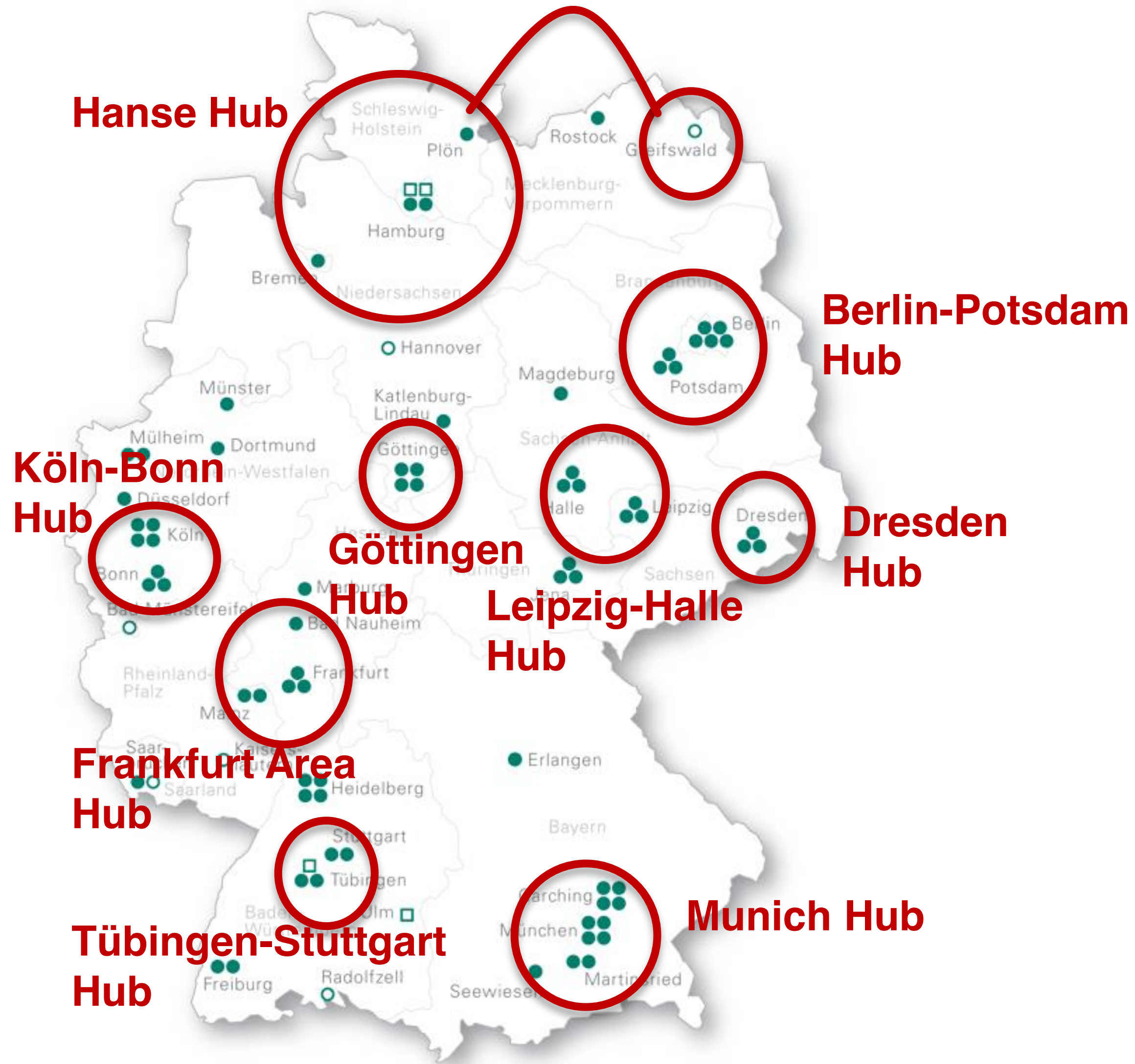
Regional Hubs

Work Groups

Representatives at local institutes

Steering Group

Regional Hubs



Agenda 2017



1.) Build and expand networks

- Strengthening PhDnet
- N², the Network of Doctoral Researcher Networks

2.) Equal opportunities & healthy work practices

- BGM working group
- Diversity management

3.) Career opportunities

- facilitate transitions between academia & „the outside world“
- career fair & workshops

4.) Compensation & contracts

- full pay and full vacation for full work
- 2017 PhDnet Survey

1.2 Networks - External



HELMHOLTZ
Juniors

Libriz
PhD Network



www.phdnet.mpg.de/N2

3. Career Opportunities

Successful 3rd PhDnet Career Fair
at Harnack Haus

Before Visions in Science Conference

13 organizations, Alumni Talks

200+ attendees

THANKS TO GABE!



4. Compensation & Contracts

Meeting with the President and
General Secretary

-> 30 vacation days failed at GWK

-> BUT generally very open to it

-> Complete switch to TVöD currently
not likely; with increased vacation
not necessary?

2017 PhDnet Survey as evidence
Career Service Report



New Website



www.phdnet.mpg.de

<https://www.facebook.com/maxplanckphdnet>



Max Planck PhDnet

Published by Leo Borchert [?] - 27 March -

We are super excited to announce our new web site! 😊 Thanks a lot to the Web group for all their work. Here you can find the most recent information concerning PhDnet including local PhD representatives from every institute, the latest post from our blog "Offspring" or the different ways to get involved in our community. Click on the link and check it out yourself!

<https://www.phdnet.mpg.de/home>



MAX-PLANCK-GESELLSCHAFT

Home

Max Planck PhDnet

PHDNET.MPG.DE

5,165 people reached

Boost Post

The screenshot shows the website's header with the Max Planck logo and PhDnet branding. A navigation menu includes links for 'ABOUT THE PHDNET', 'NEWS', 'OFFSPRING BLOG', 'N2', 'GET INVOLVED!', and 'CONTACT'. A search bar is located on the right. The main content area features a large group photo of PhDnet members. To the right, there are sections for 'SOCIAL MEDIA' with links to a newsletter, Facebook, and MaxNet, and 'EVENTS' with a listing for the 'General Meeting of PhDnet 8-10 Nov 2017' in Mainz.

Max Planck PhDnet

The network of doctoral researchers of the Max Planck Society

General Meeting of PhDnet 8-10 Nov 2017

This years PhDnet meeting will take place in Mainz at the Max-Planck-Institute for

PhDnet Survey 2017

Previewing the Report



16th PhD General Meeting
08.11.17
Survey Working Group – Miguel Borges



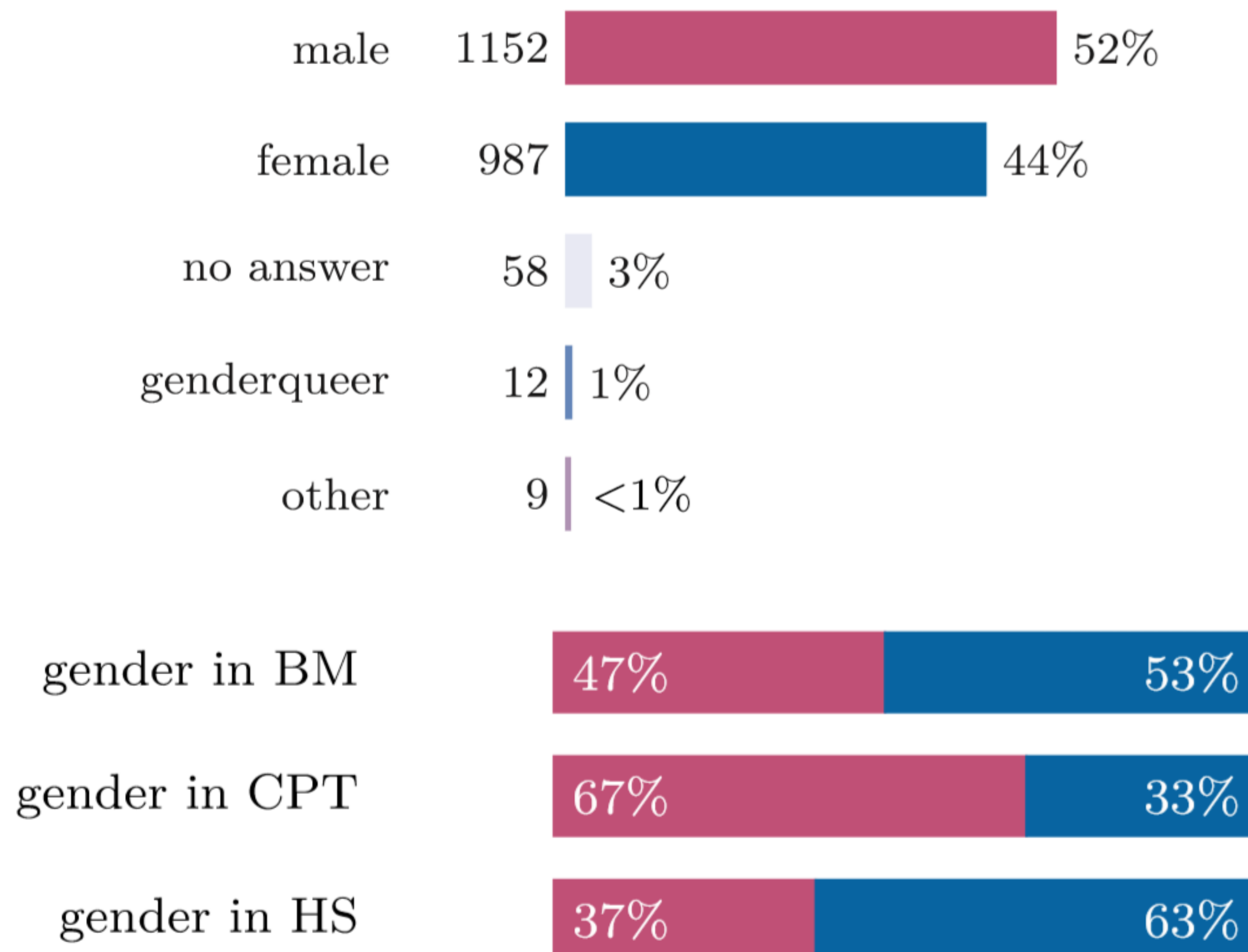
MAX-PLANCK-GESELLSCHAFT

Overview

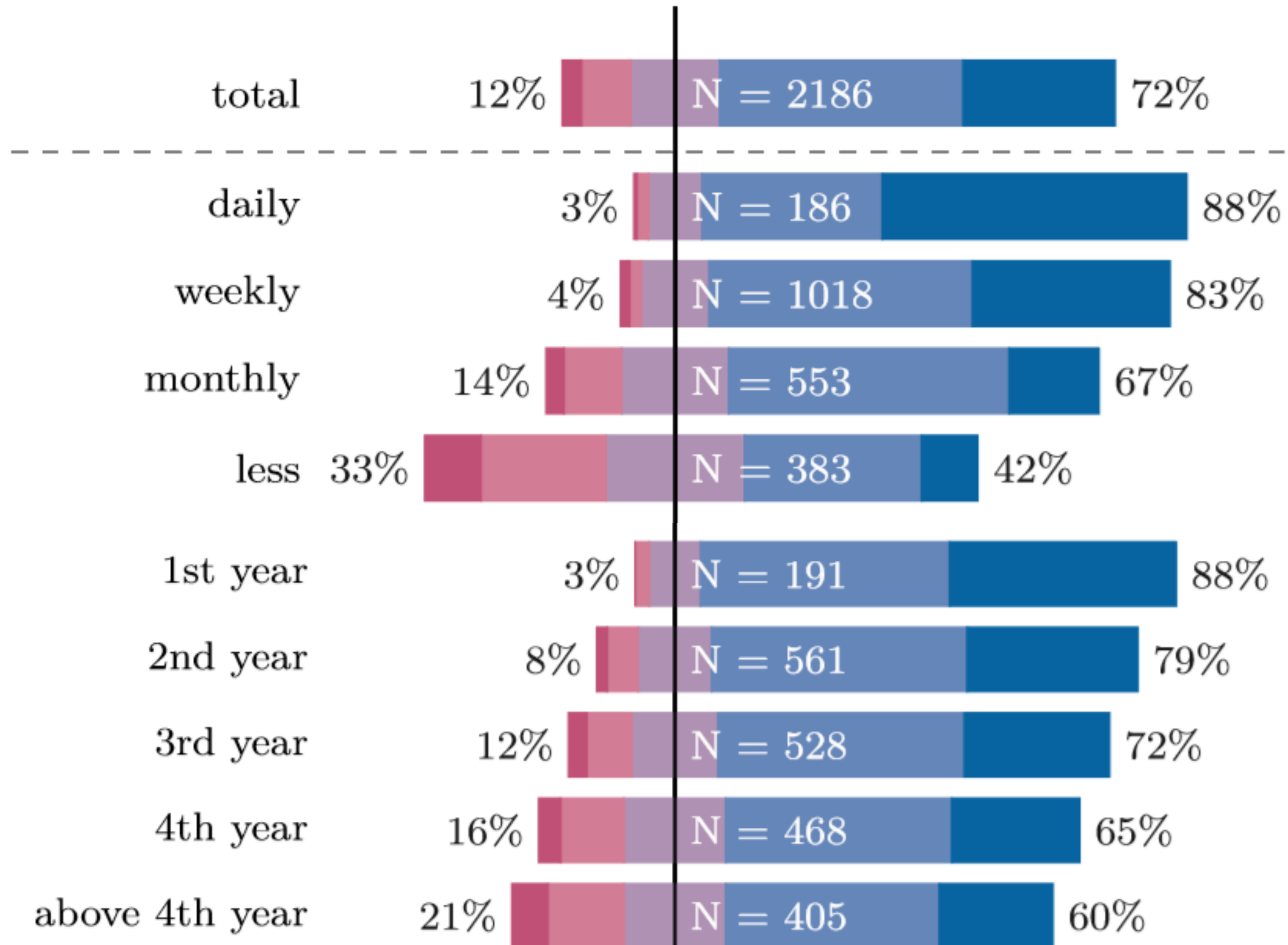
- 1. Demographics**
2. Working conditions
3. Career perspectives
4. Equal Opportunities
5. Funding
6. Networks

1. Demographics – Gender identity

Overall gender distribution

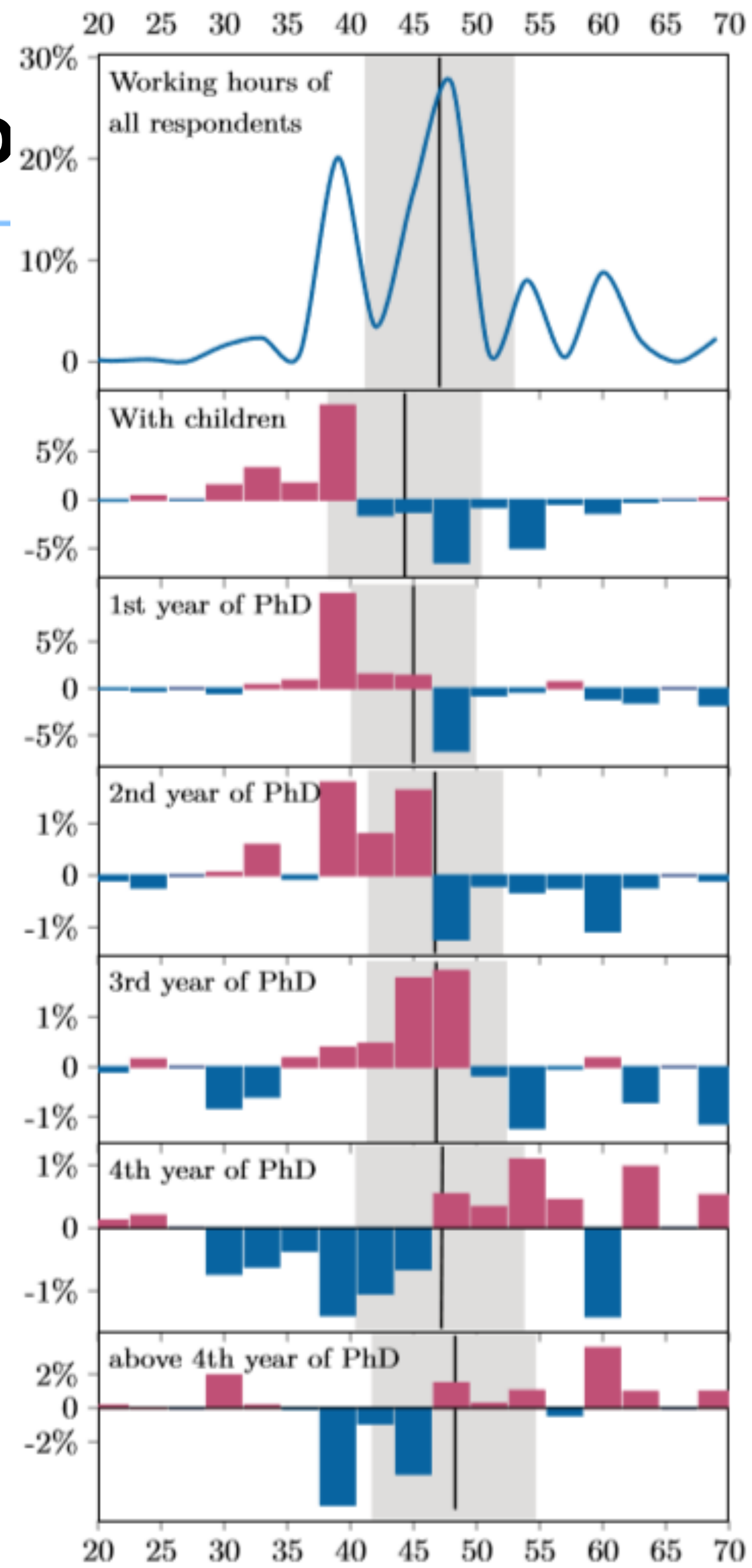


2. Working conditions – Supervision satisfaction



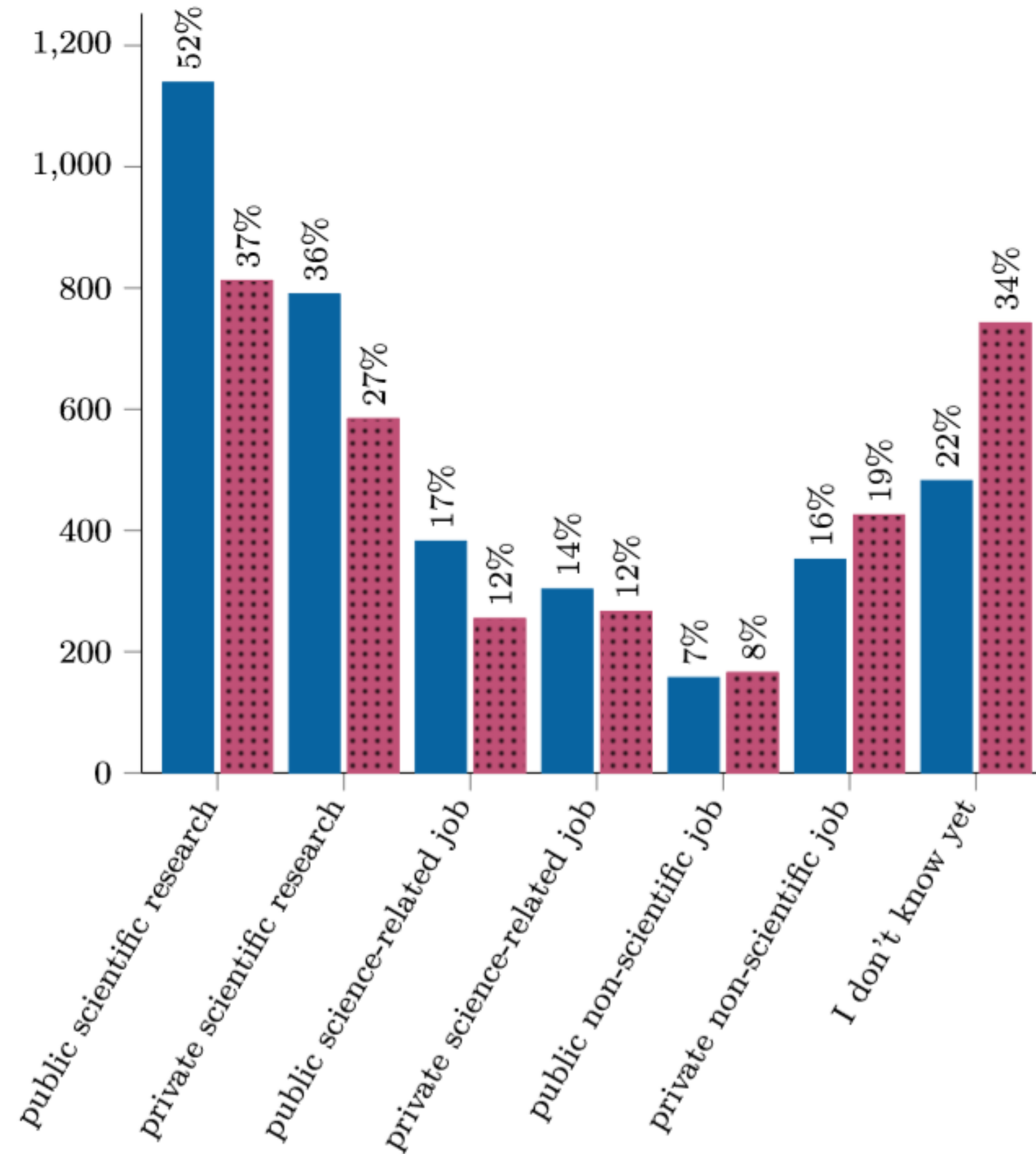
2. Working co

- Working hours
 - 47 on average
 - With children
 - As the project advances in years

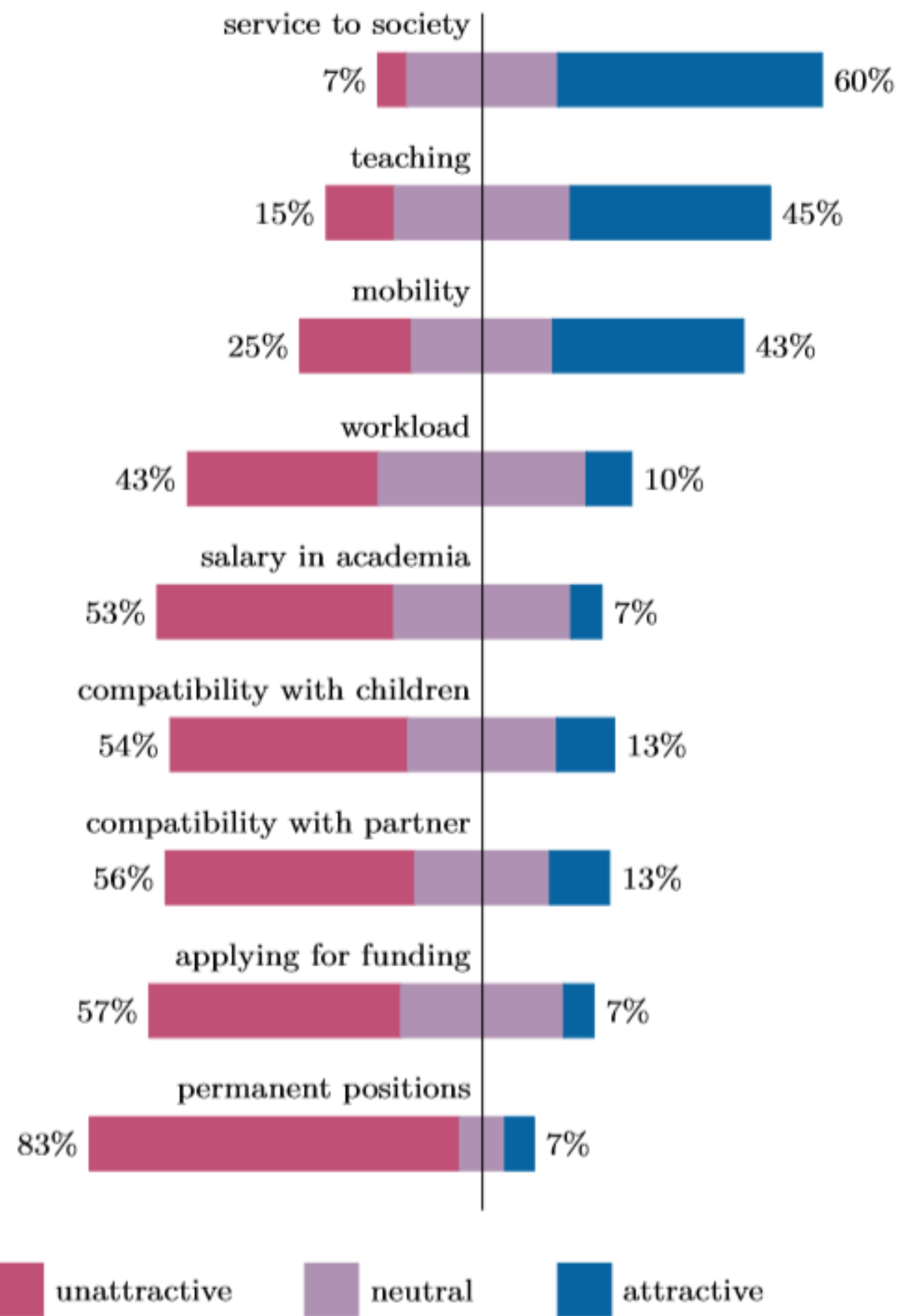


hours

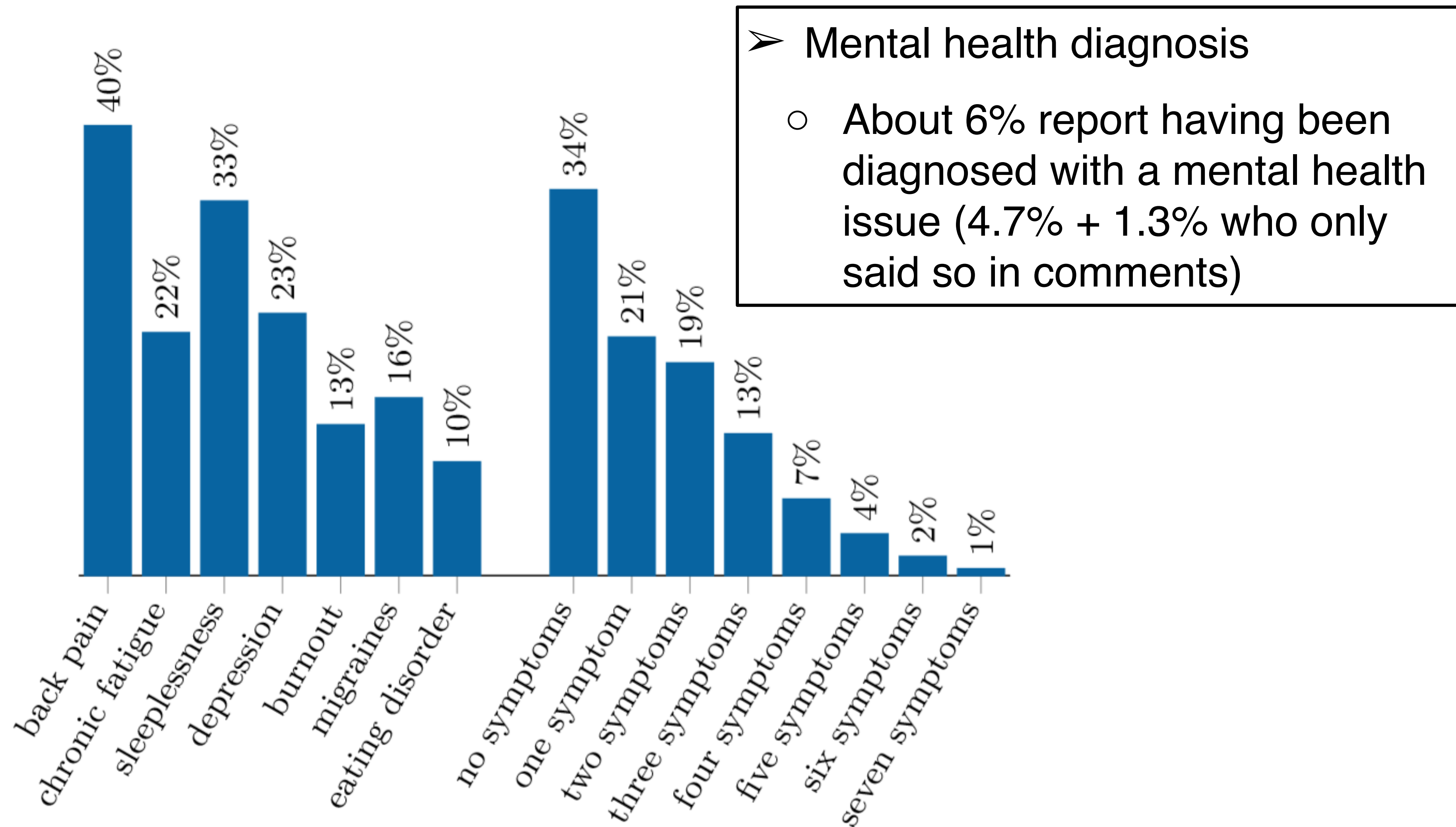
3. Careers – Hopes and plans



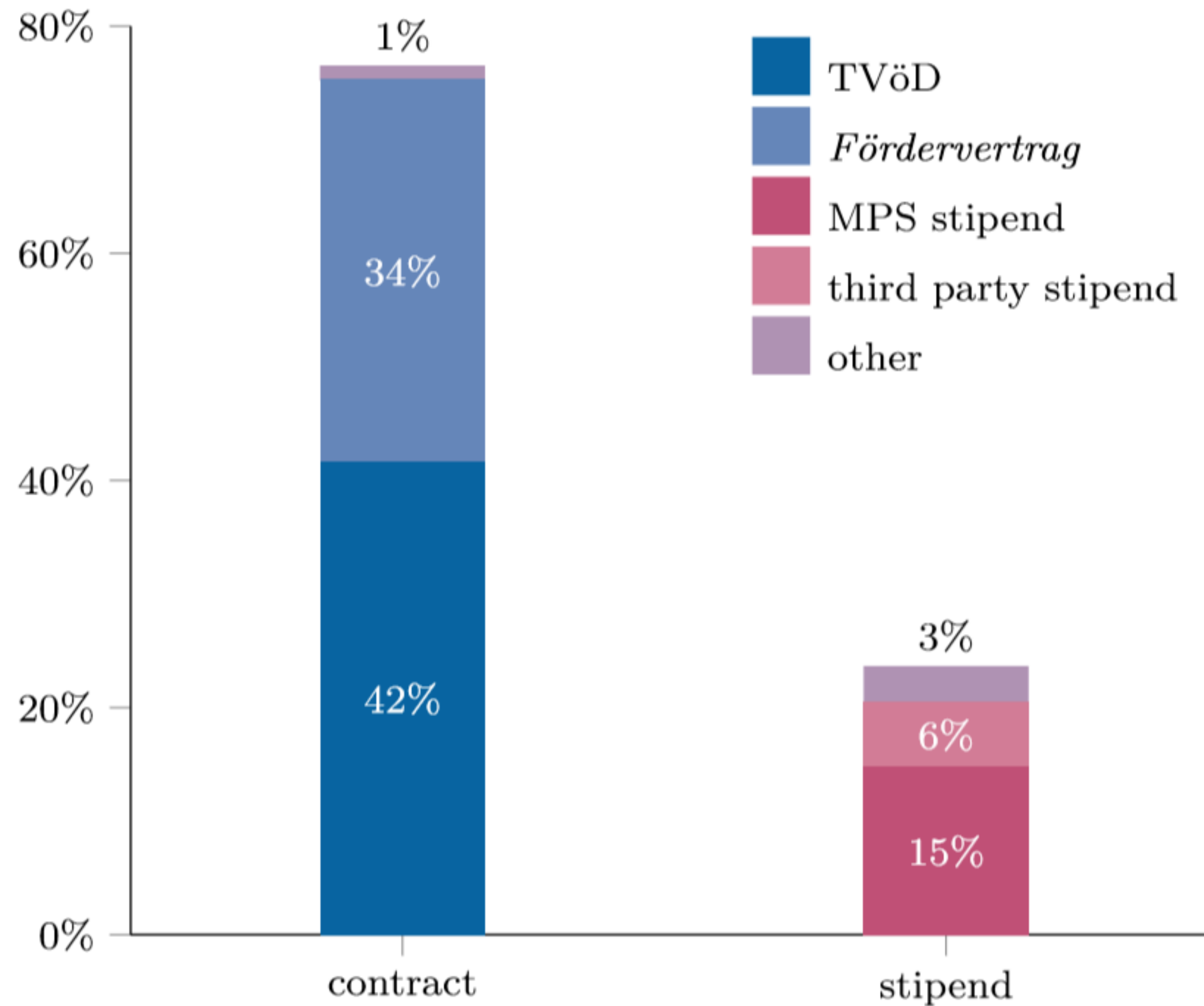
3. Careers – Academia



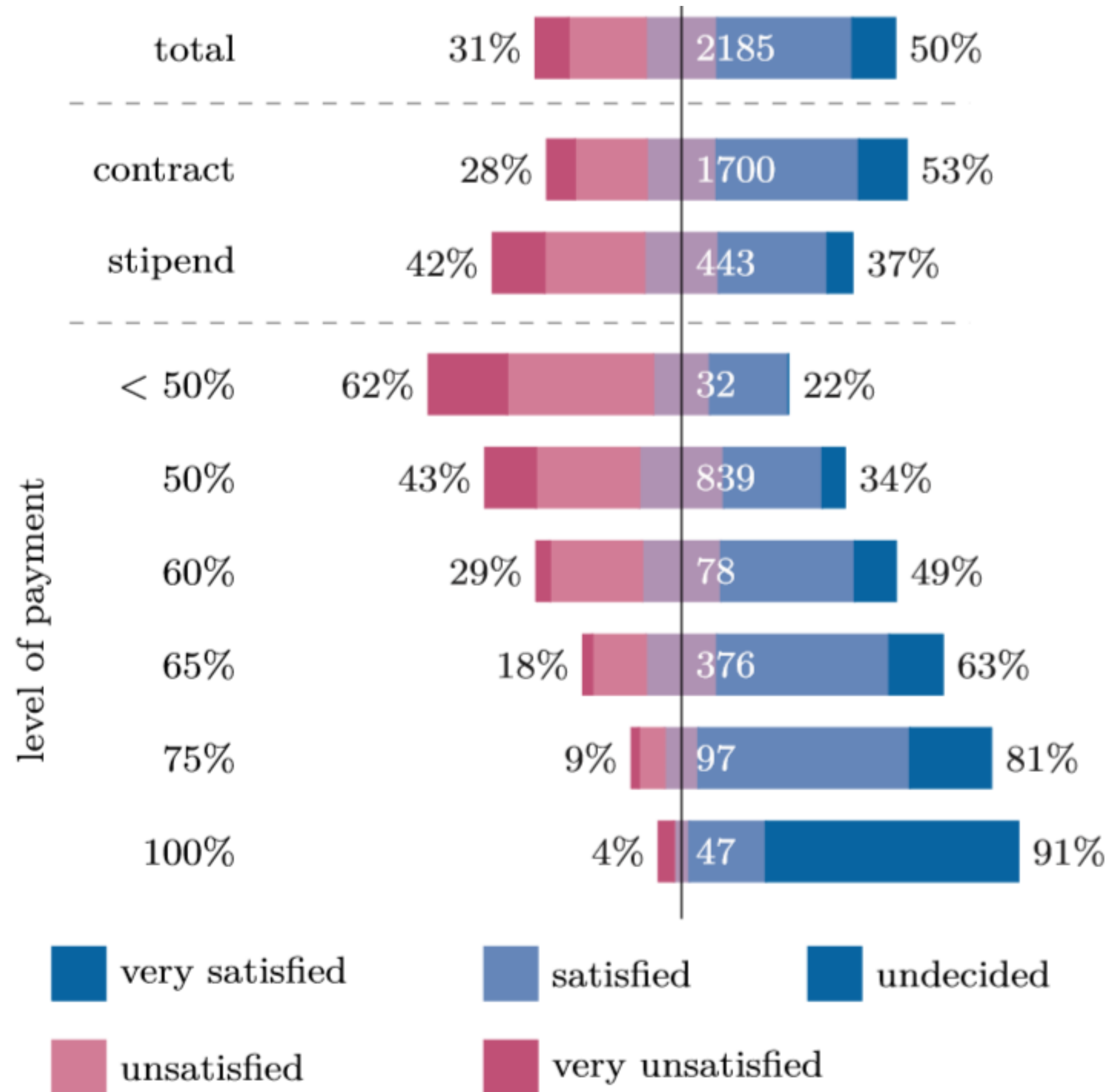
4. Equal Opportunities – Stress and mental health



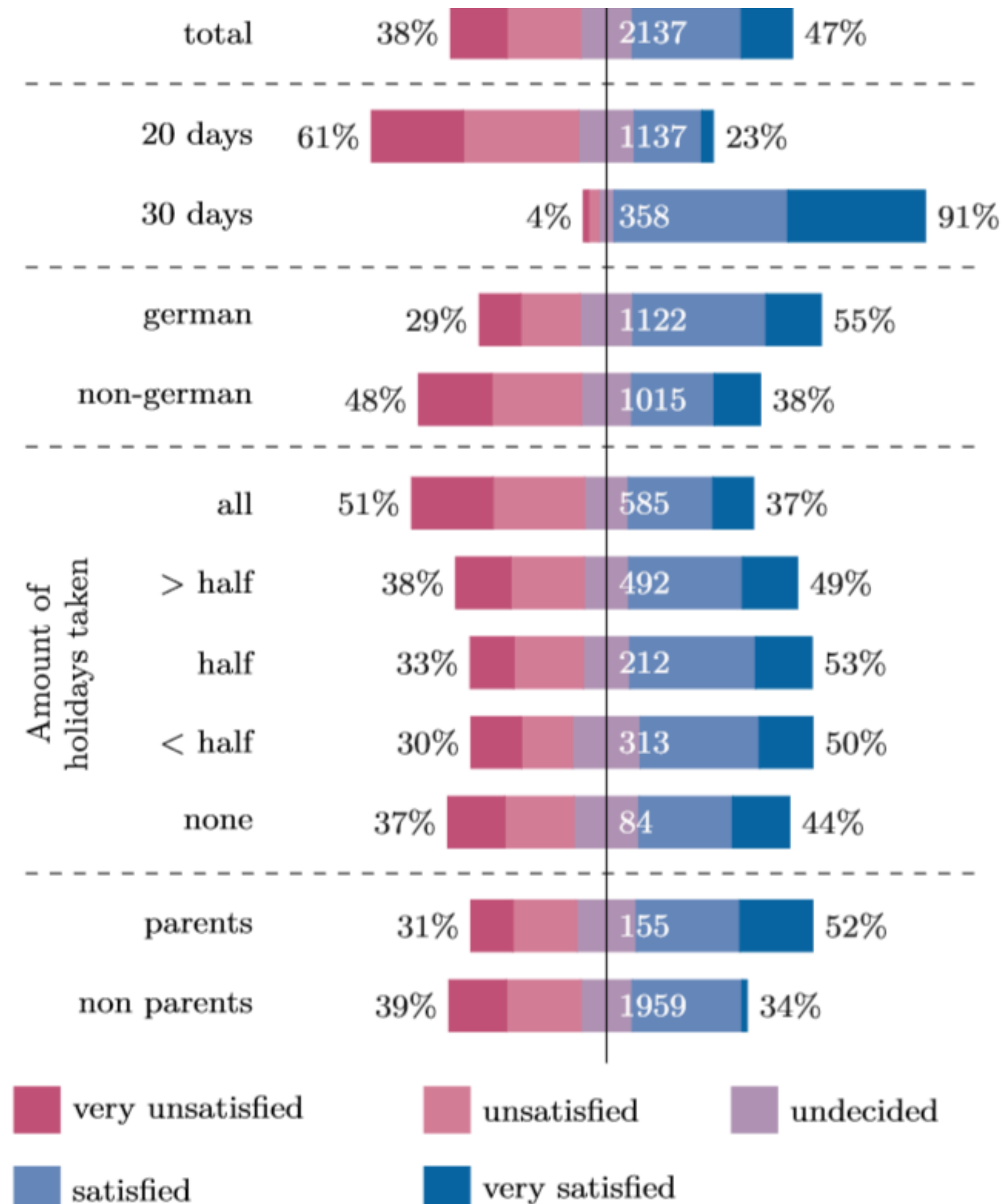
5. Funding – Contracts and stipends



5. Funding – Contracts and stipends



5. Funding – Holidays



<end of the karaoke>

Check out Indico for more charts!

Particle Physics School Colloquium

Thursday, 14 December 2017 from **10:00** to **18:00** (Europe/Berlin)
at **Main Auditorium, MPP, Foehringer Ring 6, Munich**

[Manage](#)

Thursday, 14 December 2017

- | | |
|---------------|---|
| 10:00 - 10:30 | Welcome coffee and get together |
| 10:30 - 10:45 | Introduction 15' Sprecher: Andreas Hönle |
| 10:45 - 11:15 | Hidden symmetries in integrable models 30' Sprecher: David Osten |
| 11:15 - 11:45 | Topological Superconductors 30' Sprecher: Ismail Ahmed |
| 11:45 - 12:15 | Gravitational memory 30' Sprecher: Henk Bart |
| 12:15 - 12:45 | Feedback in small groups |
| 12:45 - 13:45 | Lunch break |
| 13:45 - 14:15 | Coffee |
| 14:15 - 15:30 | Guest Lecture: Distinguishing axions from WIMPs as CDM? 1h15' <i>The QCD Axion is a Beyond-the-standard-model Curiosity: introduced to solve the strong CP problem, it is effectively described by a one-particle, one-parameter new physics model, and it contributes Dark Matter which redshifts and grows linear structure like CDM, despite having a mass comparable to a neutrino's. In the scenario where the axion is born after inflation, I will review the growth of Large Scale Structure in the presence of axion CDM, and speculate about axion configurations in our galaxy today.</i> Sprecher: Prof. Sacha Davidson |
| 15:30 - 16:00 | Coffee |
| 16:00 - 16:30 | Background measurements with electric dipole pulse at the KATRIN experiment 30' Sprecher: Anna Pollithy |
| 16:30 - 17:00 | New light detector prototyping for the MAGIC telescopes 30' Sprecher: Alexander Hahn |
| 17:00 - 17:30 | Probing Gamma-ray Emission of Geminga and Vela with superposition model 30' Sprecher: Yating Chai |
| 17:30 - 18:00 | Feedback in small groups |