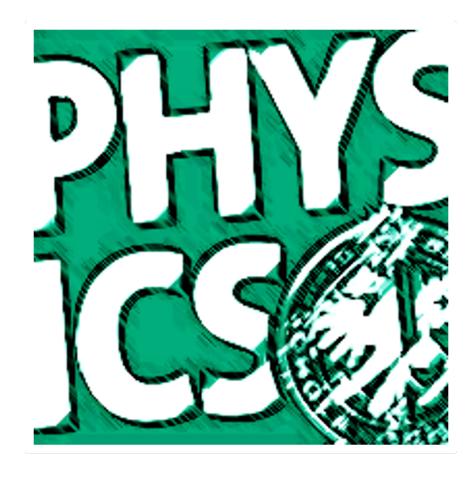
Young researchers day



Organisers

Anna Sfyrla, Camille Bonvin, Federico Sanchez, Jean-Pierre Wolfe and Philippe Haeberli

16 September 2022

Motivation

♦ Few occasions to meet each other.
What happens outside of our department/research group?

Know each other scientifically

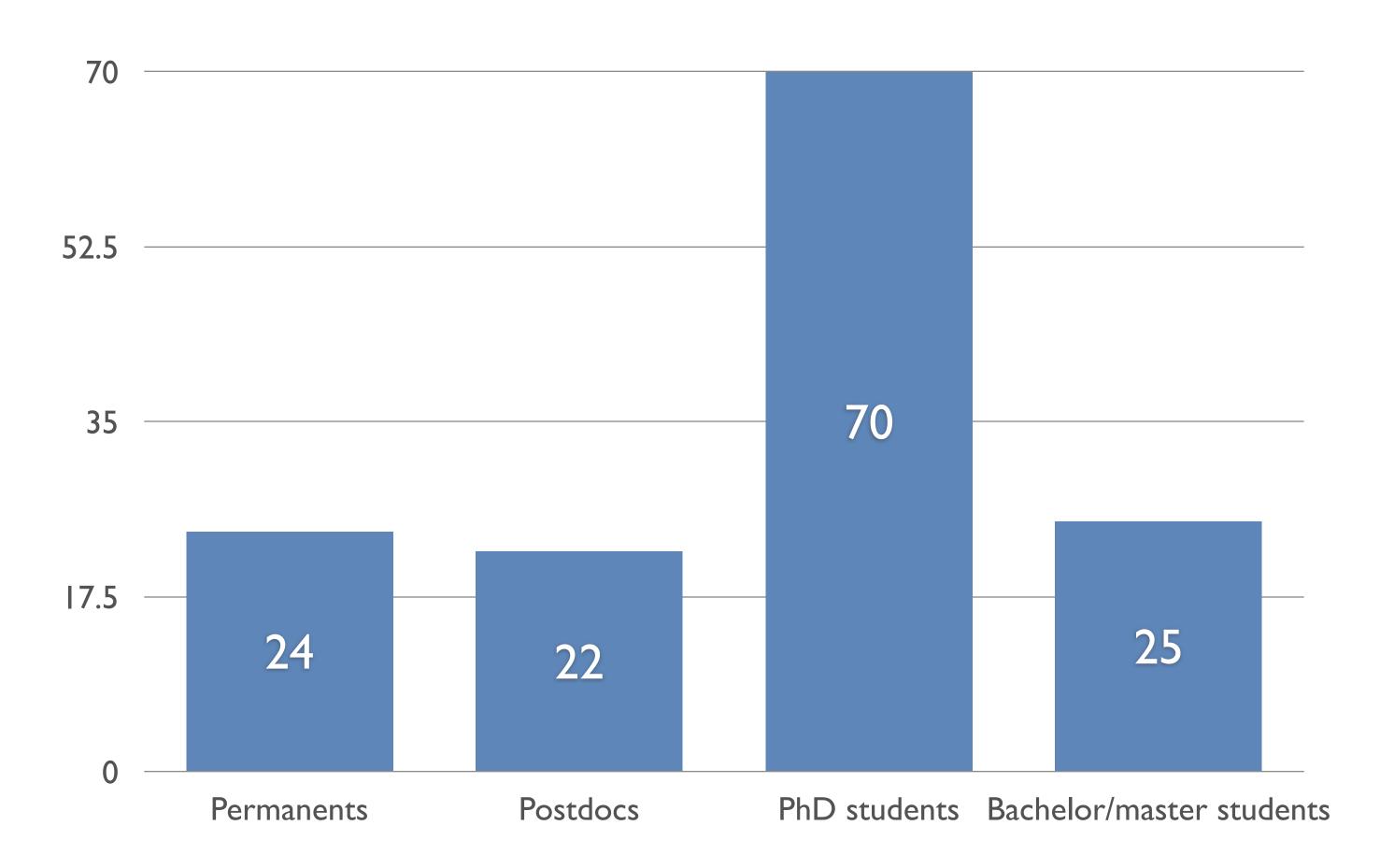
• Talk by third year **PhD students** — Why?

Which question?
Why?
How?

Posters

◆ Space for young researchers to talk about their concerns and wishes, and communicate them to us

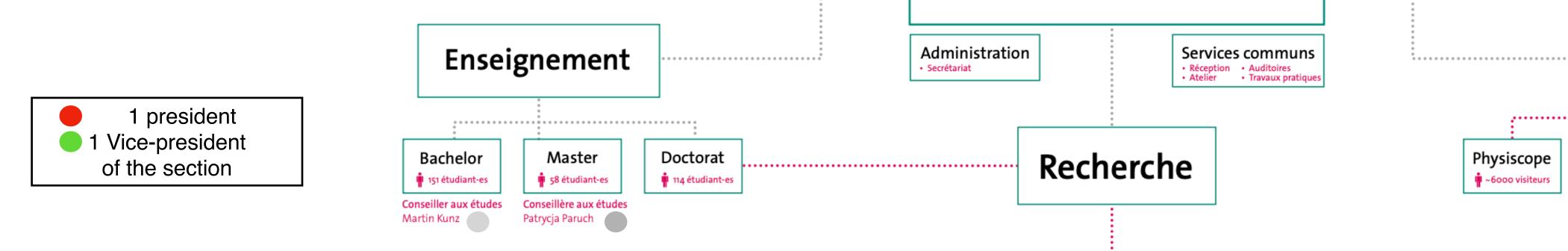
141 participants



Structure de la Faculté des Sciences

COLLÈGE DES **CONSEIL** CONSEIL DÉCANAL **PROFESSEURS PARTICIPATIFS** DÉCANAT Secrétariat Conseiller 1 doyen aux études étudiants 4 vice-doyens 1 administrateur Biologie Mathématiques Chimie et biochimie Physique Sciences de Sciences la Terre et de l'environnement pharmaceutiques Informatique Astronomie

All professors meet at Collège de Section meets once per month during the teaching period



1 Director pour Département

quantique

Pr Felix Baumberger

Pr Andrea Caviglia

Pr Radovan Cerny

Pr Antoine Georges

Pr Thierry Giamarchi

Pr Philippe Jacquod

Dr Alexey Kuzmenko

Pr Alberto Morpurgo

Pr Patrycja Paruch

Pr Christoph Renner

Pr Christian Rüegg

Pr Carmine Senatore

Pr Jean-Marc Triscone

Pr Fabian von Rohr

APPLIED SUPERCONDUCTIVITY

QUANTUM MATERIALS DISCOVERY

OXIDE INTERFACE PHYSICS

QUANTUM ELECTRONICS

FERROELECTRICS AND MULTIFERROICS

RESEARCH WITH NEUTRONS AND MUONS

NANO-OPTICS

ANGLE-RESOLVED PHOTOEMISSION

DESIGNER QUANTUM MATERIALS

LABORATORY OF CRYSTALOGRAPHY

THEORY OF QUANTUM MATTER

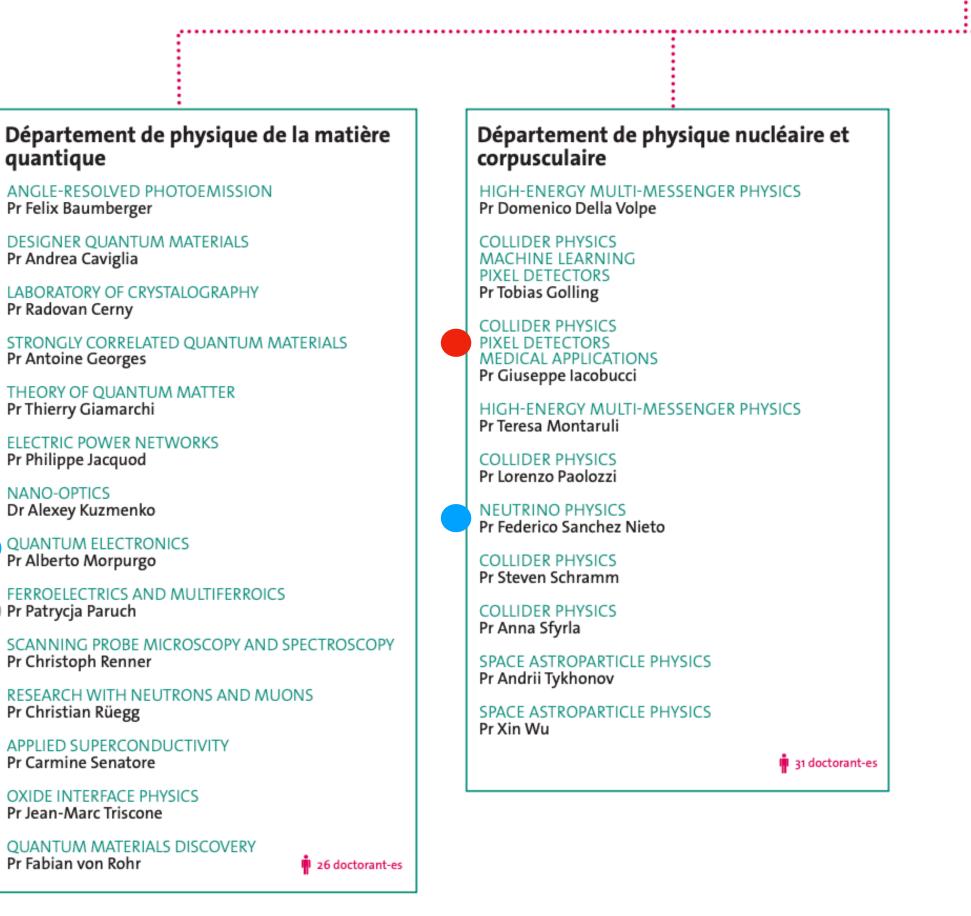
ELECTRIC POWER NETWORKS

STRONGLY CORRELATED QUANTUM MATERIALS

Departments meet several times a year

Directors meet at conseil de Direction meets once per month

All professors meet at Collège de Section meets once per month



Section de physique

STRING THEORY HOLOGRAPHY

Pr Julian Sonner

Pr Vincent Vargas

MESOSCOPIC SYSTEMS

Pr Eugene Sukhorukov

MATHEMATICAL PHYSICS

Département de physique théorique Département de physique appliquée QUANTUM MATERIALS QUANTUM INFORMATION THEORY Pr Dmitry Abanin Pr Nicolas Brunner COSMOLOGY QUANTUM THERMODYNAMICS Pr Camille Bonvin Pr Géraldine Haack COSMOLOGY NONLINEARITY AND CLIMATE Pr Julien Carron Pr Jérôme Kasparian COSMOLOGY QUANTUM ELECTRONICS Pr Ruth Durrer Pr Alberto Morpurgo **BIOLOGICAL PHYSICS** BIOPHOTONICS Pr Jean-Pierre Wolf Pr Karsten Kruse COSMOLOGY QUANTUM TECHNOLOGY Pr Martin Kunz Pr Hugo Zbinden COSMOLOGY 31 doctorant-es Pr Lucas Lombriser **GRAVITATIONAL WAVES** Pr Michele Maggiore MATHEMATICAL PHYSICS Pr Marcos Mariño OSMOLOGY STROPARTICLES Pr Antonio Riotto UNIVERSITÉ PARTICLE PHYSICS Pr Francesco Riva **DE GENÈVE**

26 doctorant-es

Outreach

Communication

FACULTÉ DES SCIENCES

Section de physique

Athéna

80 étudiant-es

INSTRUCTIONS FOR THE DAY



Lots of small talks. Speakers please be on time!



Time for few questions during the session.

But lots of time for discussion in between sessions.



- please raise your hand, or,
- please use speakUp: https://web.speakup.info/room/join/72053

Instructions for the afternoon open discussion will follow later

Logistics:

- No food and drinks in the meeting rooms!
- Please give back your badges at the reception on your way out!

