



Gentner Programme



● Very special Gentner Day due to Coronavirus crisis

- video-only**
- no cheese fondue**
- no in-person coffee break**
- no guest speaker (former Gentner student)**
- NEW: brief introductions by all connected students**

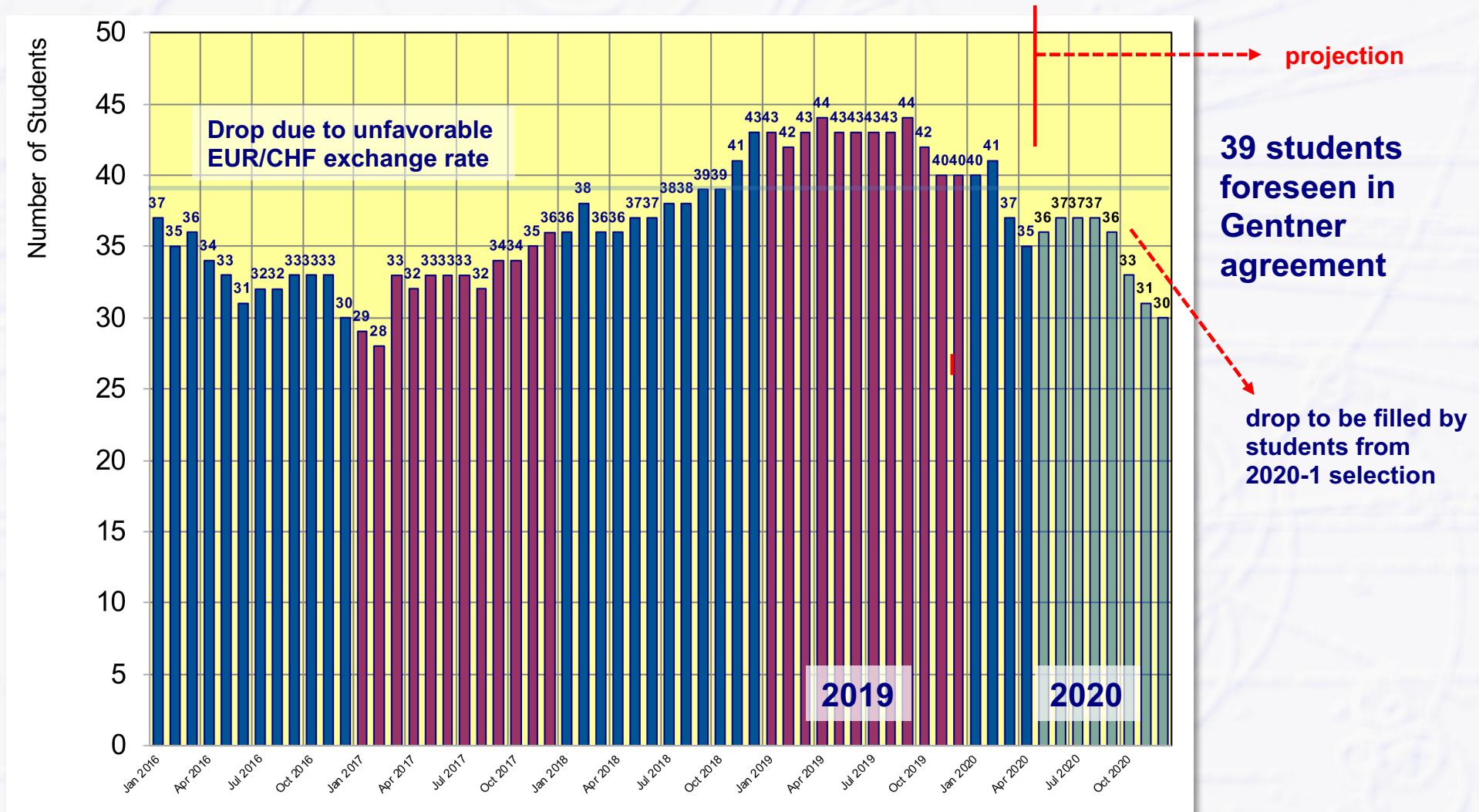
Gentner Overview

- **35 Gentner students as of 1 April 2020 (39 students nominal)**
 - start of some students delayed due to coronavirus crisis
 - (+ 11 German students in regular Doctoral Student Programme)
- **now 20% female students**
 - was only ~13% in 2018, but ~32% in 2016
 - only no. of applications by female students now at ~30% again
- **150 Gentner students since November 2007**
 - 35 active + 115 former students
- **Students from 36 universities (since November 2007)**
 - new since last Gentner Day (October 2019): University of Greifswald

Status Gentner Programme

Number of students + projection until December 2020

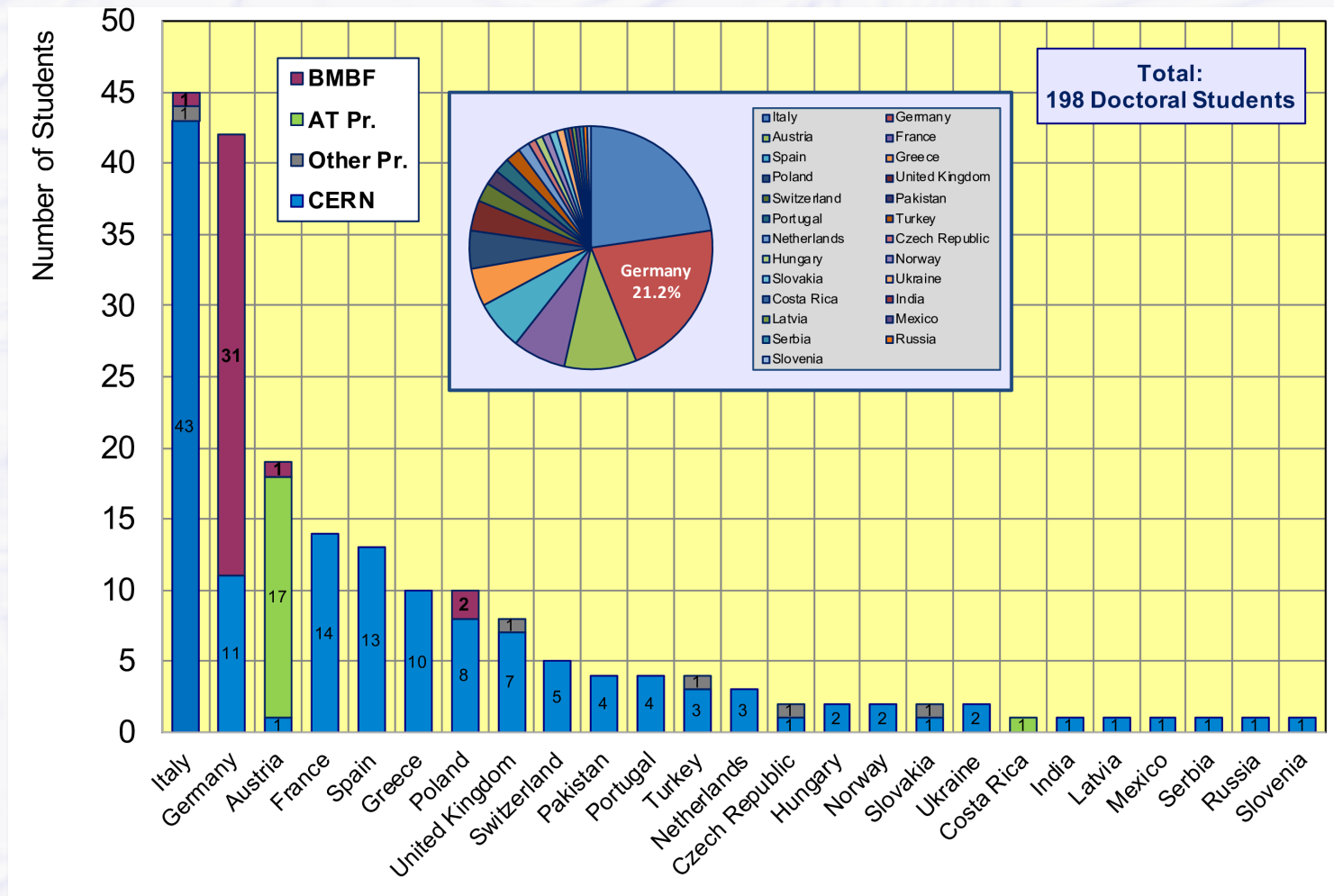
based on preferred starting date given by selected students



CERN Doctoral Students

Nationalities of all Doctoral Students at CERN

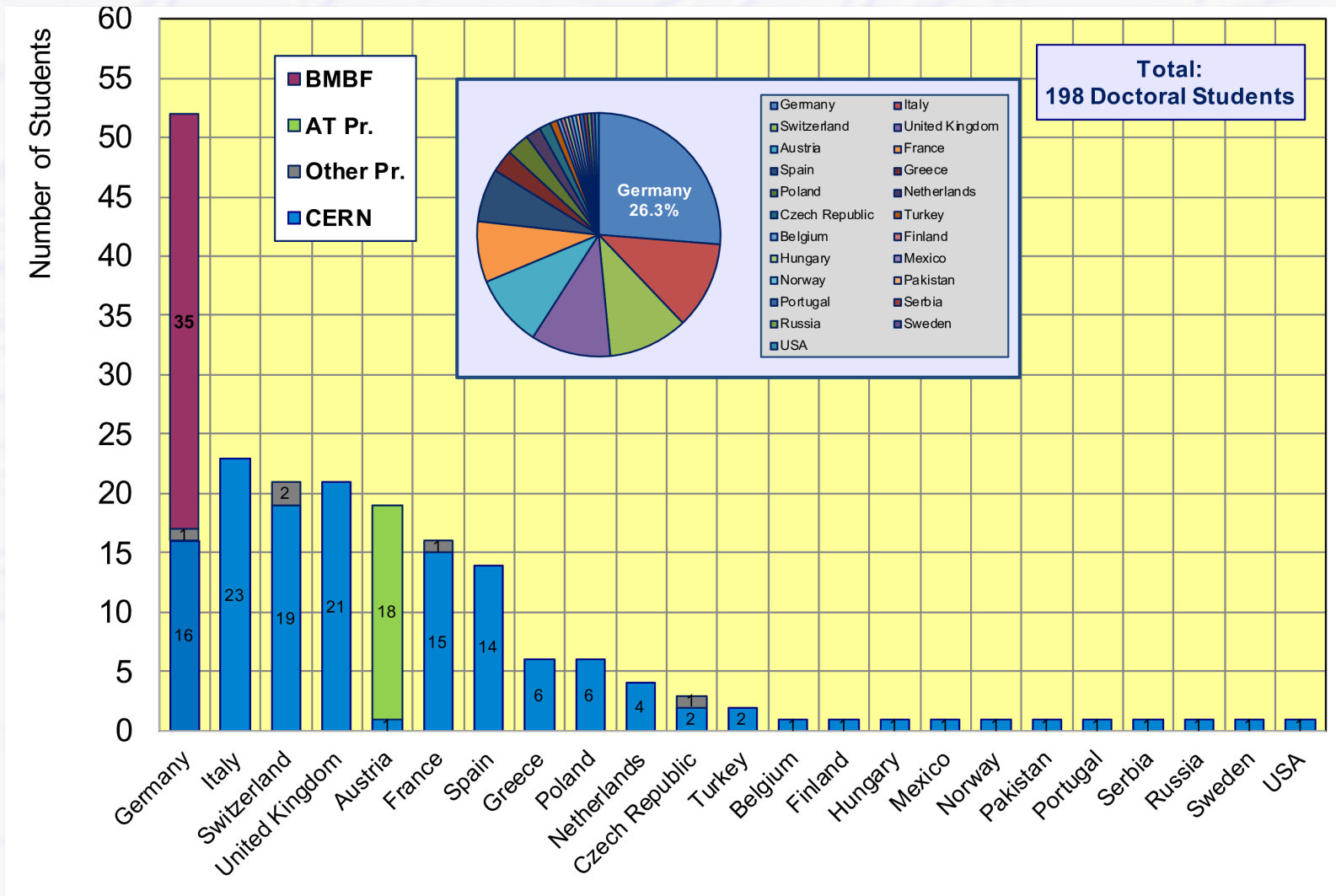
→ Germans (42 students, 21.2%) now falling behind Italians (after 2 years leading)



CERN Doctoral Students

Home University Country of all CERN Doctoral Students

→ 52/198 Students enrolled at German Universities (26.3%)



Awards

- **Lorenzo Bortot (Gentner student since May 2018) received IEEE CSC Graduate Study Fellowship in Applied Superconductivity**
 - ➔ **donated with US \$5000**
 - ➔ **awarded at the International Conference on Magnet Technology MT26 in Vancouver, Canada (22 – 27 September 2019)**



Former Gentner Students

(updates since last Gentner Day)

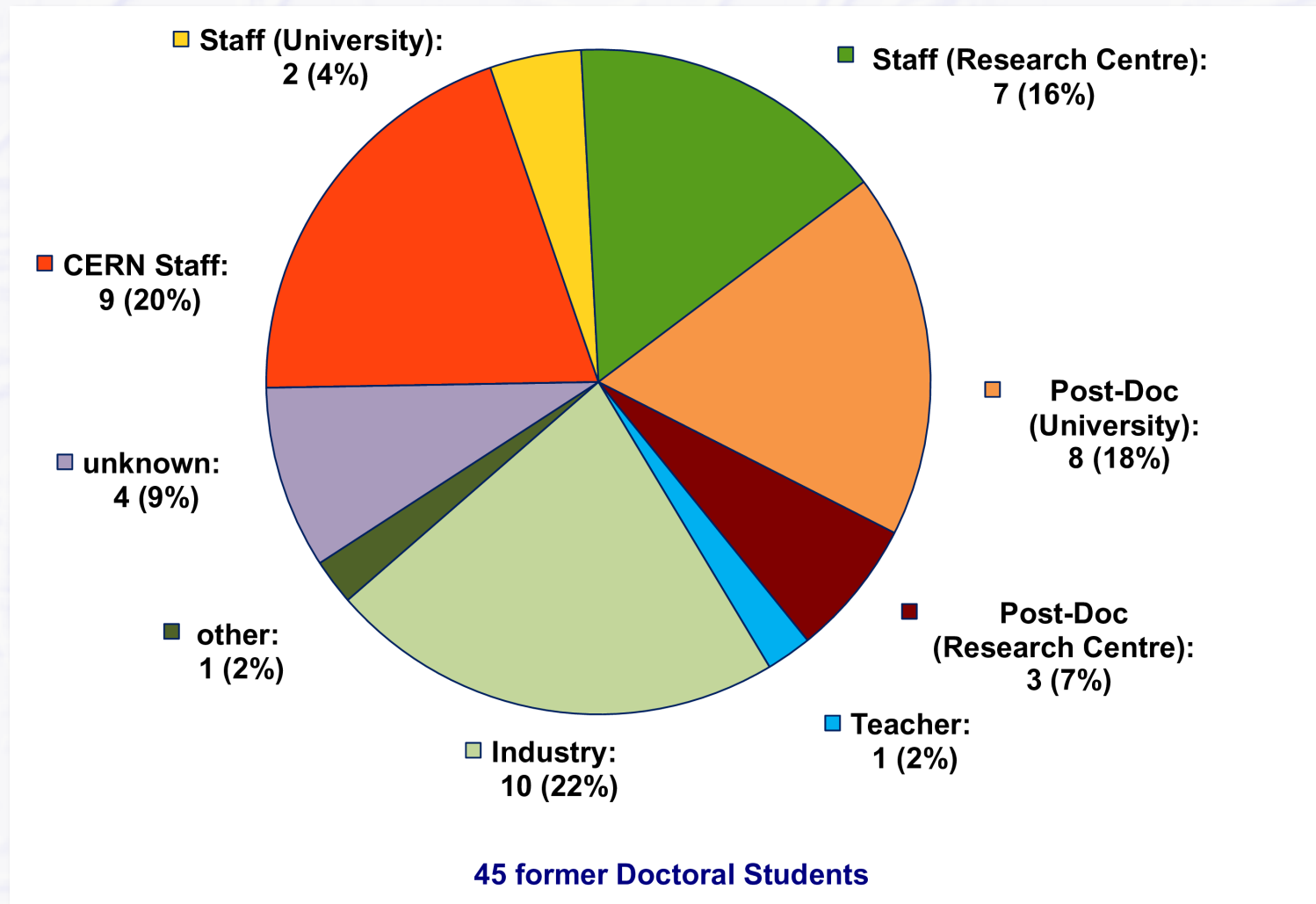
- **Recent elections to the German Komitee für Beschleunigerphysik (KfB) [Committee for Accelerator Physics] in November/December 2019**
 - **Michaela Schaumann / CERN (Gentner student from January 2012 to December 2014) was elected as Representative of the foreign institutions (CERN and others)**
 - **Bastian Härer / KIT (Gentner student from November 2013 to October 2016) was elected as one of the Representatives for the Helmholtz Research Centres**
 - **now 2 out of 11 KfB members are former Gentner students**
- **Felice Pantaleo (Gentner student from February 2014 to January 2017) started as CERN staff on 1 March 2020**
 - **now 10 former Gentner students became CERN staff**

Whereabouts of Fellows

(former Gentner Students)

→ many Fellows stay in academic research after their fellowship

20% became CERN staff, 44% moved to University or Research Centre



Summary Gentner Programme

35 active Gentner Students

male: 28
female: 7 (20%)

115 former Gentner Students

male: 88
female: 27 (23%)
PhD uncertain: 5 (13%)
PhD cancelled: 10

150 total active + former Gentner Students

male: 116
female: 34 (23%)

72 finished PhDs

(63%)
average PhD duration: 43.0 months (median)
average age at PhD: 30.8 years (median)

Whereabouts of former Gentner Students

	first employment	present employment
CERN Fellow:	57 (61%)	12 (13%)
CERN Staff (indefinite):	1 (0) (1%)	10 (2) (11%)
Staff (University) (indefinite):	1 (1) (1%)	4 (4) (4%)
Staff (Research Centre) (indefinite):	1 (1) (1%)	8 (4) (9%)
Post-Doc (University):	10 (11%)	14 (15%)
Post-Doc (Research Centre):	3 (3%)	7 (7%)
Teacher:	1 (1%)	2 (2%)
Industry:	17 (18%)	29 (31%)
Other fields:	3 (3%)	4 (4%)
Unknown:	0 (0%)	4 (4%)
	94	94
PhD Preparations:	21	21
	115	115

→ number of students between 35 and 41 over last months

○ 39 Students nominal

→ number of female students now at 20%

○ was ~13% in 2018

→ former Gentner students are quite successful

○ awards, CERN staff positions, elected to KfB committee

**Next Gentner Day:
28 October 2020 (tbc)
hopefully in-person again**