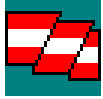


Austria – CERN Technology PhD program



- Program started in 1993/94.
Agreement between CERN - Austria (BM für Bildung, Wissenschaft u. Kultur).
- Targeting areas of „applied physics and technology“, aiming at:
Technology transfer to Austria via students
Enforcing and strengthening contacts CERN-Austria
Efficient use of Austria’s membership at CERN
Increase of commercial contacts with Austrian industry
- The program allows efficient participation of Austrian students on CERN’s various research programs and technology developments
Students involved in large-scale international projects, requiring team work, planning and coordination, languages, and leads to creation of personal international network. (compare with goals of „Eliteuniversitaeten“)
- Germany started the „Gentner Program“ in 2008? using the succesful Austrian program as model.



Program conditions

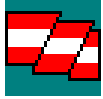


- 7 new contracts per year (initially 10 new contracts per year until 2009)
- Contract duration at CERN 3 years
- Typically about 20 active Austrian PhD students on average at CERN in the Austrian program.

- Administration is done 100% via CERN
- Identical conditions to CERN PhD program
- Monthly subsistence, health insurance, etc.
- Transparent for the students (CERN or Austrian program)

- PhD areas:
Applied physics (accelerator and detector technology), chemistry, IT, electronics, electrical engineering, mechanical engineering, etc.

The program is NOT intended for PhDs in particle physics and theoretical physics



Program Statistics (i)

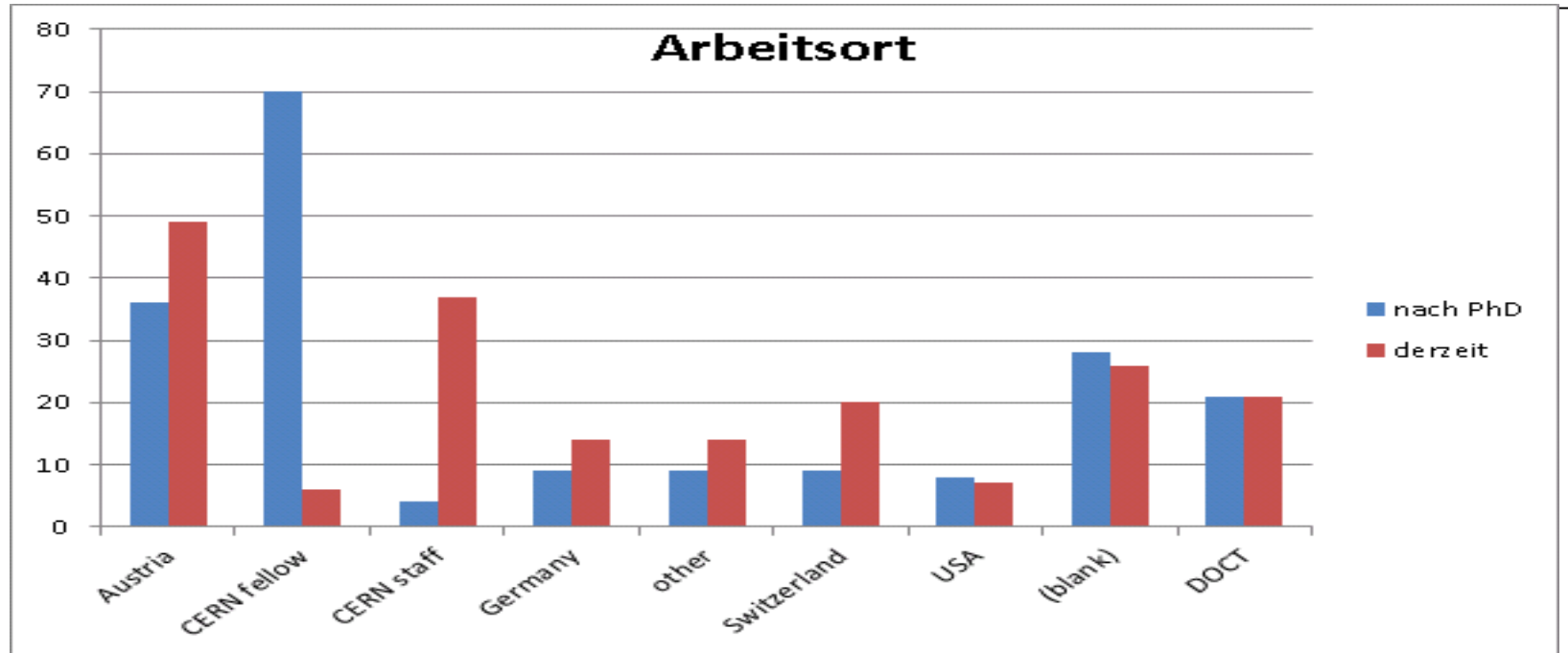
PhD topics: distribution by area (total number 187)



University	Number of PhDs
TU Wien	109
TU Graz	43
Universitaet Wien	19
Universitaet Innsbruck	9
JKU Linz	3
MU Leoben	2
Universitaet Salzburg	1
HS f. Musik und angew. Kunst Graz	1



Program Statistics (ii)



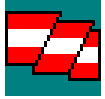
	Austria	CERN	Germany	Suisse	US, other	unknown	DOCT
1st employment	36	75 (5 + 70)	9	9	17	28	21
Present employment	49	42 (36 + 6)	14	20	21	26	21

In the medium term:

~ one third of all program participants returns to Austria

~ one quarter remains long-term at CERN, ensuring Austria's personnel quota

~ one quarter stays in EC & Switzerland



Technology PhD program – conclusions:



- Well established and well-running program with nearly 200 participants in the last 25 years
- Diverse program, covering many areas of technology and applied physics
- Creating links with many Austrian Universities
- Has led to the creation of an active network of former students, well distributed between Austria, EC & Switzerland and CERN
- **Besonderer Dank an das BMBWF, fuer die Finanzierung und Förderung des Technologiestipendienprogramms am CERN.**
- **An die Ständige Vertretung Österreichs in Genf, für die langjährige Unterstützung des Programms.**