

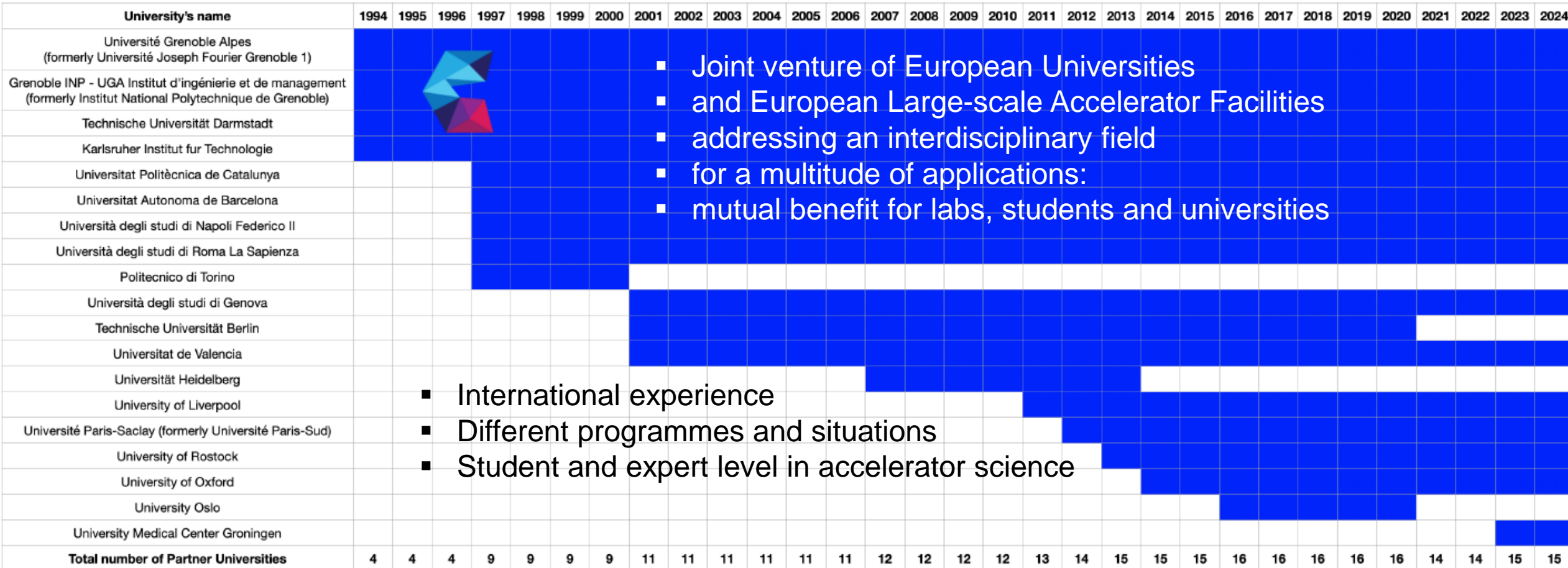


J O I N T U N I V E R S I T I E S A C C E L E R A T O R S C H O O L

**Welcome address
on behalf of the partner universities**

**Joachim Enders
Technische Universität Darmstadt**

JOINT



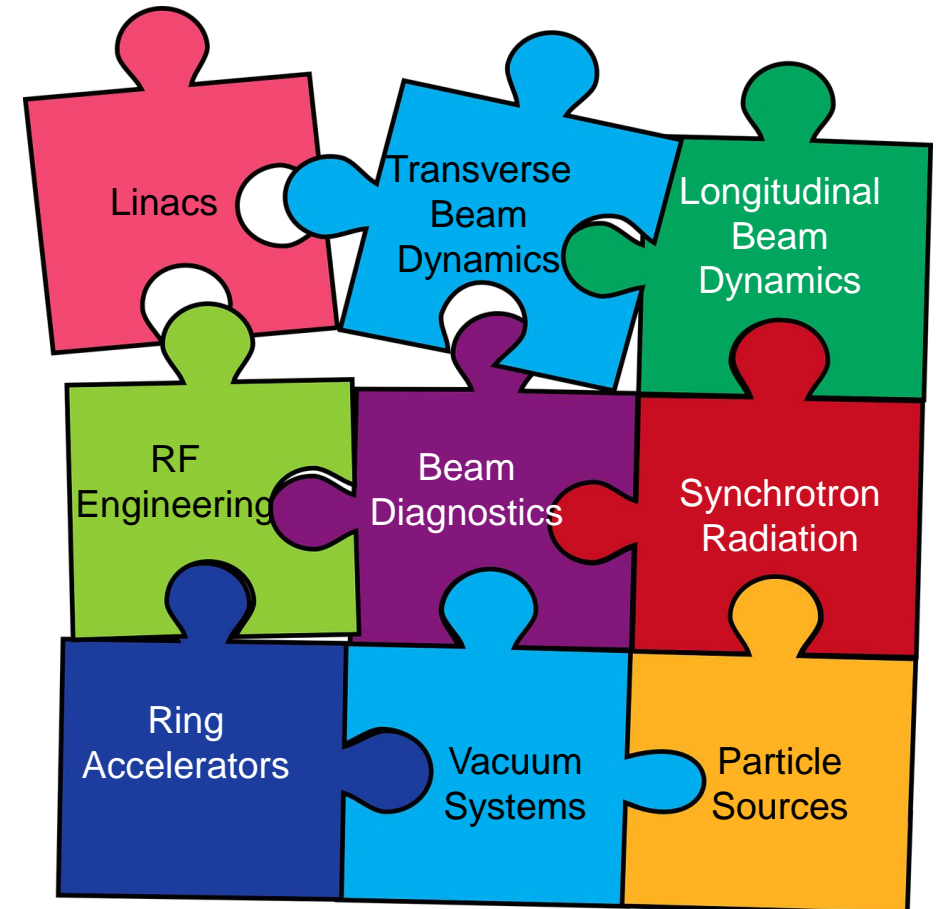
- Joint venture of European Universities
- and European Large-scale Accelerator Facilities
- addressing an interdisciplinary field
- for a multitude of applications:
- mutual benefit for labs, students and universities

- International experience
- Different programmes and situations
- Student and expert level in accelerator science

UNIVERSITIES

- Coherent M.Sc.-level education
- Local recognition of JUAS exams

- Broad coverage of topics
 - different tasks and facilities at local institutions
 - breaking down accelerator science in a scholarly fashion
 - learning about impact on large-scale facilities
 - from fundamentals to current applications: lectures – tutorials – practical days – seminars



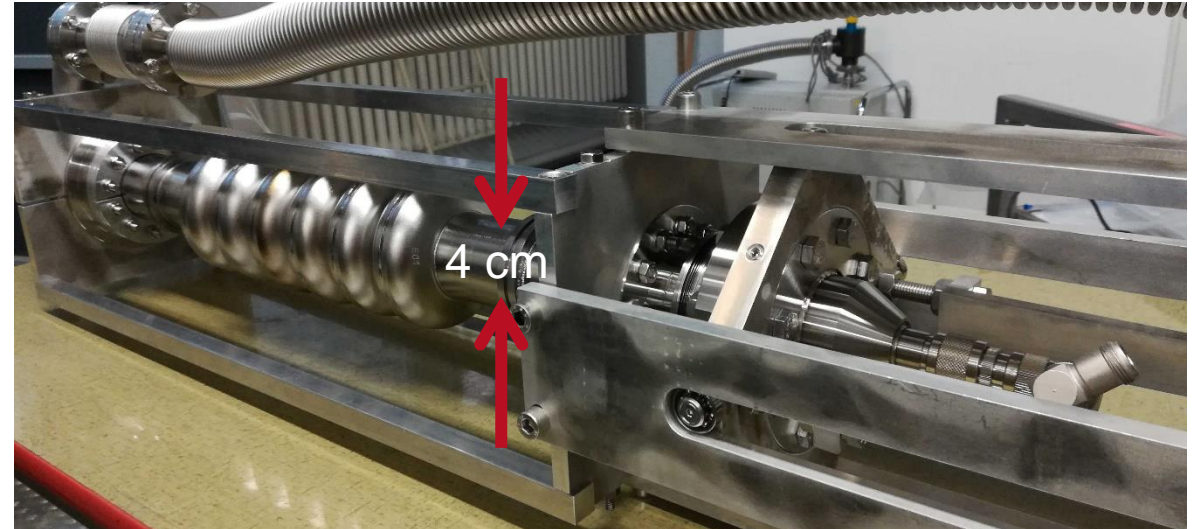
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ACCELERATOR



LEP2 structure 352 MHz

picture from: J. Tückmantel, The LEP2 Superconducting RF System, Applied Superconductivity Conference, Desert Springs Resort, CA, USA, 13 - 18 Sep 1998, pp.270-275



S-DALINAC capture cavity 3 GHz

picture by S. Weih (JUAS 2015 Alumnus)

- different scale, similar problems
- topic driven by science and research



SCHOOL

- Training the next generation particle-accelerator scientists
- Theoretical and technical knowledge as basis for
 - reliability
 - innovation
 - leadership

non scholae sed vitae discimus



ESI/JUAS Web Page

JUAS 30 YEARS & JUAS BOOK



TECHNISCHE UNIVERSITÄT DARMSTADT

GRENOBLE INP UGA

UNIVERSITY OF LIVERPOOL

université PARIS-SACLAY

UNIVERSITAT ID VALENCIA

KIT Karlsruhe Institute of Technology

UPC

umcg

UAB Universitat Autònoma de Barcelona

Università di Genova

UNIVERSITY OF DUNFORD

Universität Rostock

UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II

SAPIENZA UNIVERSITÀ DI ROMA



TECHNISCHE UNIVERSITÄT DARMSTADT

HAPPY BIRTHDAY, JUAS: AD MULTOS ANNOS

CERN Yellow Reports: School Proceedings

Proceedings of the Joint Universities Accelerator School (JUAS)
Courses and exercises

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