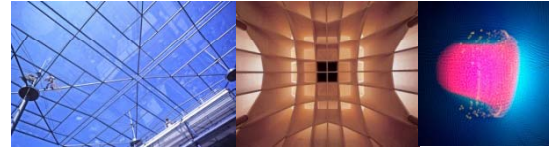


# University of Stuttgart:



**Academic education for  
emerging issues - how to  
keep abreast**

**Welcome on behalf of the University of Stuttgart**



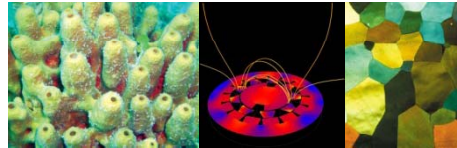
# **Academic education for emerging issues - how to keep abreast**

Prof. Dr.-Ing. Wolfram Ressel, Rector

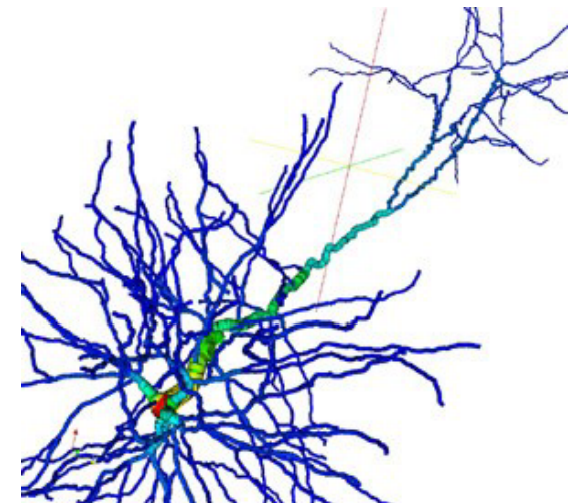




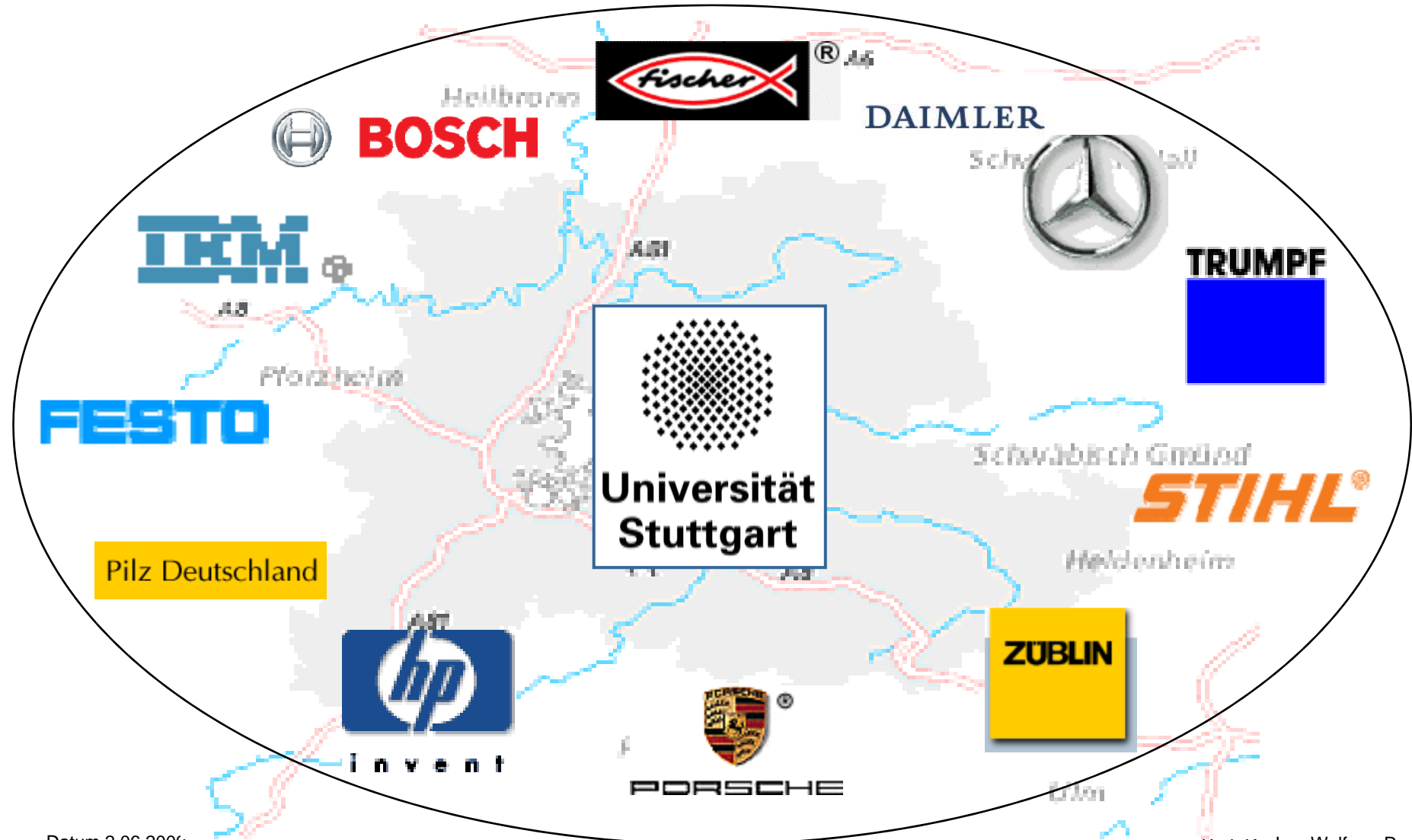
## At a glance >>>



- A research university with a focus on Engineering and the Natural Sciences
- 19,500 students enrolled at 10 faculties
- An international range of study programs including 7 Master's courses taught in English
- An interdisciplinary profile with key competences in the fields of Engineering, Natural Sciences, Humanities, Economics, and Social Sciences
- The driving force behind one of Europe's leading-edge technology regions



# One of Europe's strongest economic regions



## Key Research Area and their relevance (\*, \*\*, \*\*\*) for iNTeg-Risk project



# iNTeg-Risk

Early Recognition, Monitoring and Integrated Management  
of Emerging, New Technology Related, Risks



Grant agreement number: CP-IP 213345-2

Modelling and simulation technology\*\*

New materials\*\*

Complex systems and communication\*\*

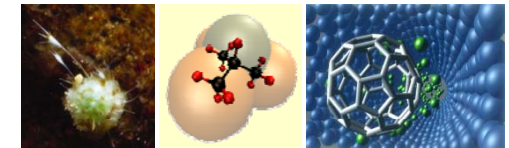
Technology concepts and technology assessment\*\*\*

Energy and the environment\*\*

Mobility

Construction and living\*

Integrated product and production design\*\*



# <<< What's special about Stuttgart



## SOFIA

The SOFIA flying observatory. A joint US-German project: a Boeing 747SP, equipped with a high-performance mirror telescope.



## Europe's fastest vector computer

with 12.7 TFLOPS computing power.

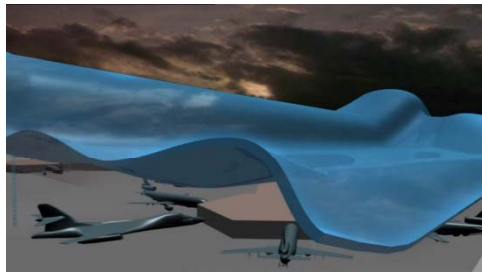


## VEGAS

A subsurface remediation facility with a capacity of approx. 700 m<sup>2</sup> - allowing the simulation of contamination processes.



## What's special about Stuttgart >>>



### Research Centre for Simulation Technology

... creates basic technologies that  
can be used for all simulations.

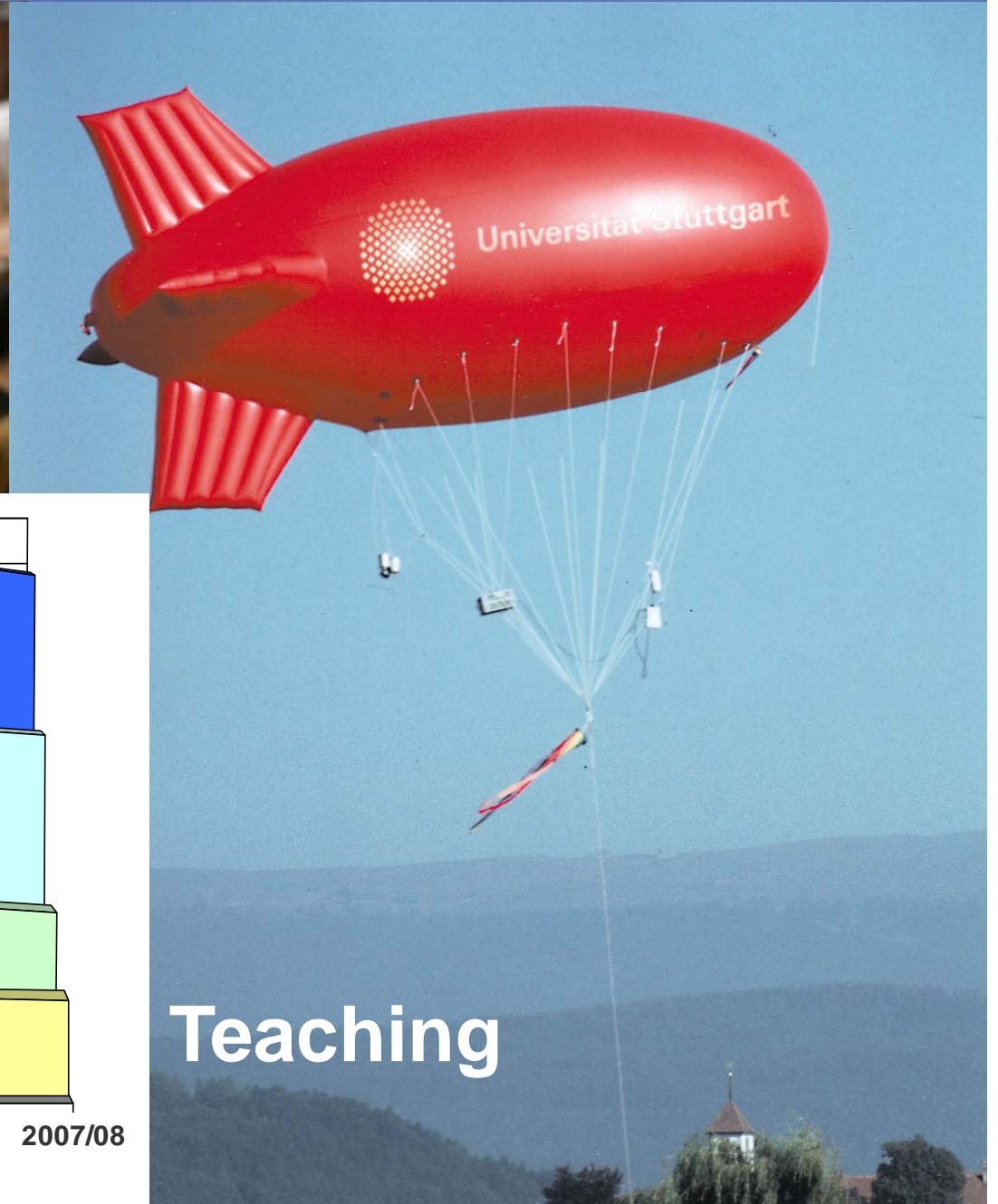


## IZKT / ZIRN

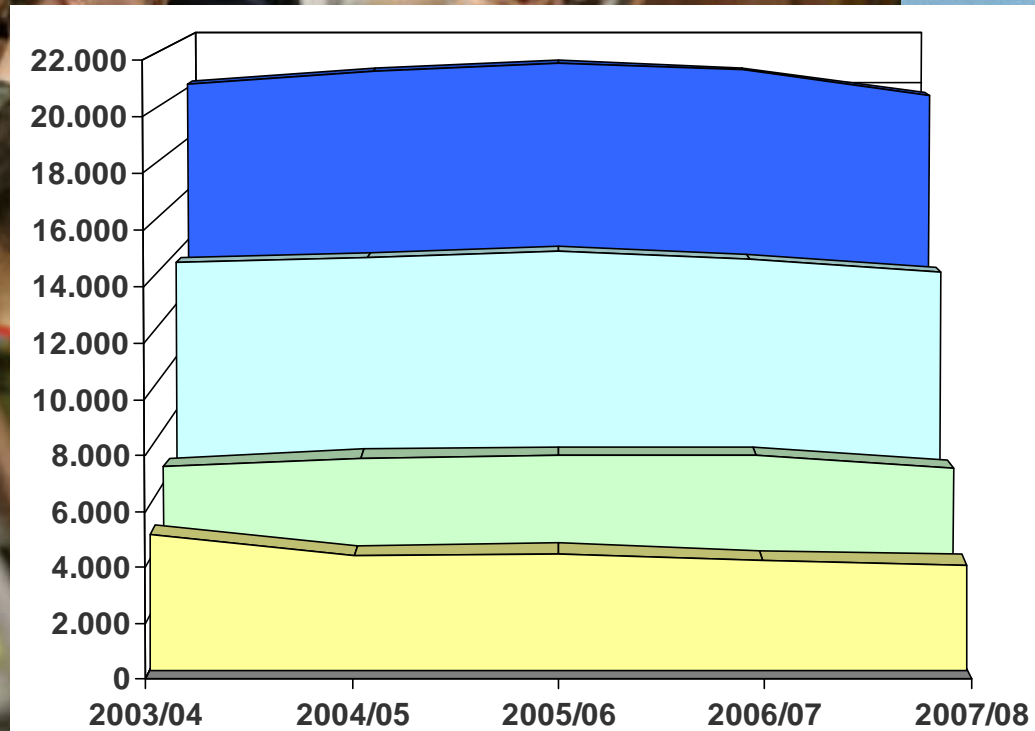


The International Center for Cultural and Technological Studies (IZKT)  
researches the interaction between culture and technology

**ZIRN, the "Interdisciplinary Research Unit on Risk  
Governance and Sustainable Technology Development"**



Teaching

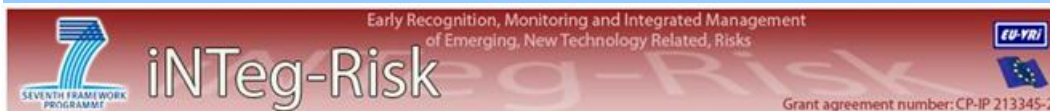




## Interdisciplinary Qualifications in Courses

In addition to the specific qualification and expertise in a particular subject, studying at the Universität Stuttgart also offers:

- **Key qualifications:** incl. social awareness  
intercultural competence, leadership skills
- **Interdisciplinarity:** Studium Integrale / Studium Generale



The centres, departments and study programs of the Universität Stuttgart convey a broad range of interdisciplinary skills. Students of the Humanities and Social Sciences are required to complete courses in the Natural Sciences and Engineering. **For iNTeg-Risk, again, ZIRN with a number of interdisciplinary courses on risk governance, corporate responsibility, sustainability, impacts of new technologies...**



# University of Stuttgart:



Technology, Education  
and Knowledge for People