

Forschungszentrum Jülich Finding Tomorrow Today

May 6, 2010 | Rudolf Maier

Jülich at a glance

Budget: 380 Mio. € Third party funding: 95 Mio. € (16 Mio.€ industry) License fees: 3 Mio. €

staff: 4.300 scientist: 1.500 + 900 guest scientist from more that 70 countries

8.500 patents, 192 licenses
100 new patents per year
2-3 spin off per year
> 1.700 papers per year
> 1.200 ISI-listed

cooperation contracts with
>120 international companies
50 internal technology transfer
projects/ spin off-funding









26.500 staff 8.000 scientists and engineers 3.400 doctoral students Budget: 2,3 Billion Euro



Key technologies



Structure of matter



Transport & Space

Jülich Mission Statement



... With our national and international partners, we work towards interdisciplinary, comprehensive solutions for the grand challenges facing society in the future in the three fields of

> Health Energy and Environment Information Technology

thus laying the foundation for future

Key Technologies and Physics.





Health

Key technologies for diagnosis and therapy of neurodegenerate diseases



Imaging with PET and NMR
 Imaging with PET an



Energy & Environment

Next Generation of power generation technologies

Chemistry and Dynamics of the Geosphere









Supercomputing drives science:



Simulation science: one of the three pillars of science next to theory and experiment





Large Scale Facilities

Design and operation of national and international large scale (user) facilities and platforms



Hadron physics @ JCHP

Neutron science @ JCNS

Supercomputing @ GAUSS

Microscopy @ ER-C





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