

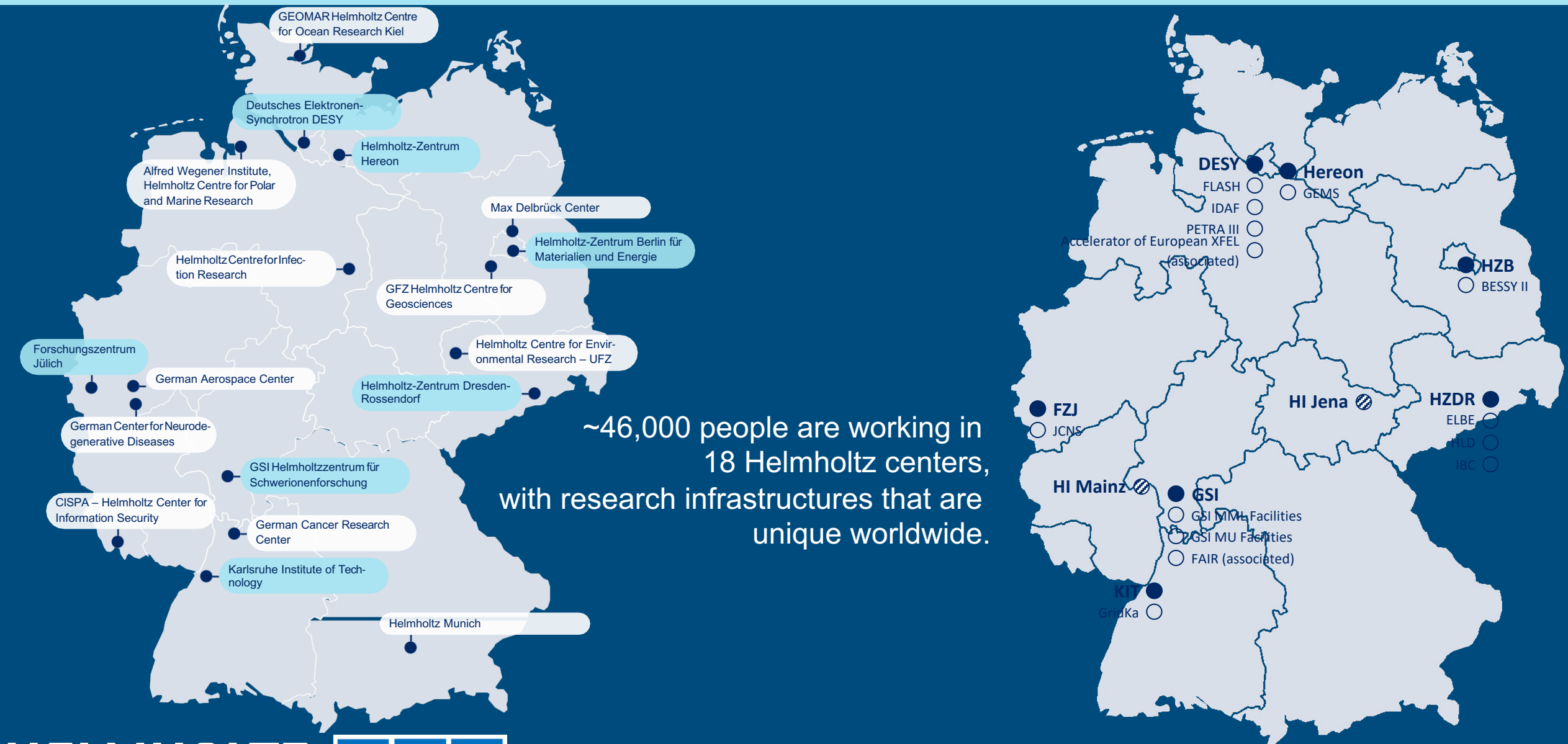


From Matter to Materials and Life

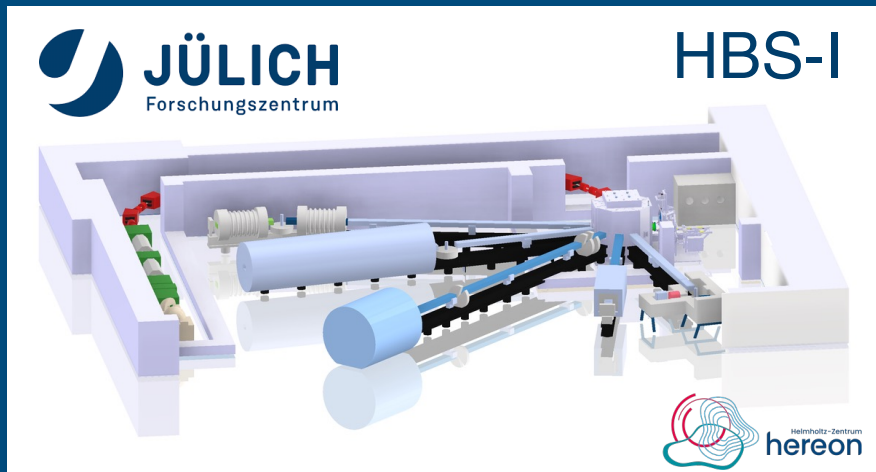
Jochen Küpper (program speaker MML)

**Tackling key societal challenges
by exploring the structure, dynamics, and function
of matter, materials, and the basis of life
from fundamental science toward application
using, developing, and operating large-scale user facilities.**

Helmholtz Association (POF IV)



National roadmap: MML has a bright future



Forschungsinfrastruktur (FIS) Priorisierungsverfahren



Helmholtz Research Fields



**23 %
MATTER**

MATTER



ENERGY



EARTH & ENVIRONMENT



INFORMATION

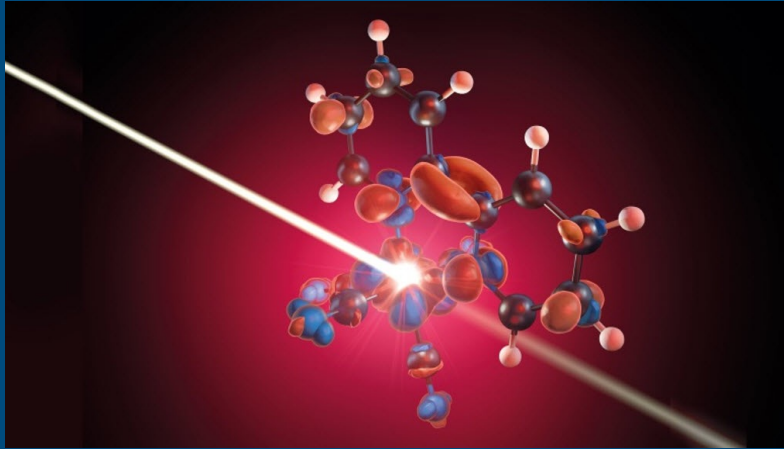


**AERONAUTICS, SPACE &
TRANSPORT**



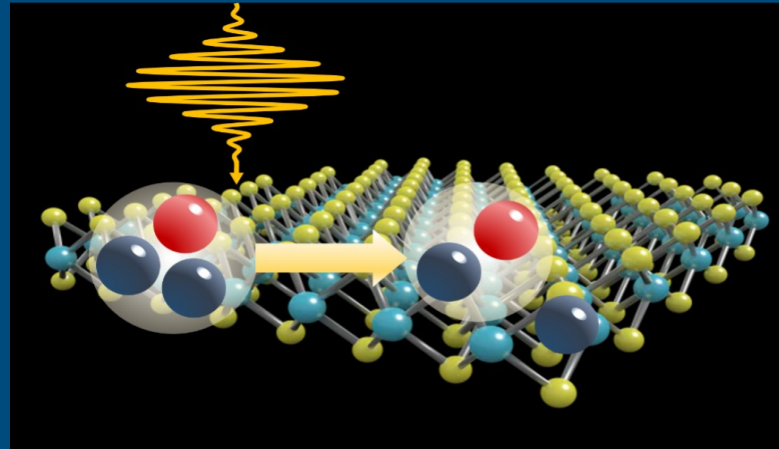
HEALTH

MML research topics



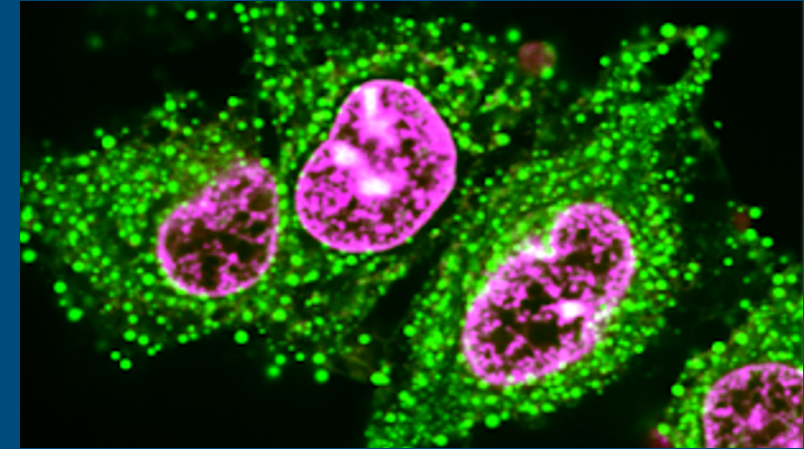
MML-Matter

explores fundamental aspects of the dynamics of matter



MML-Materials

explores the fundamental mechanisms that govern material function



MML-Life

focuses on understanding biological behavior

MML facility topics

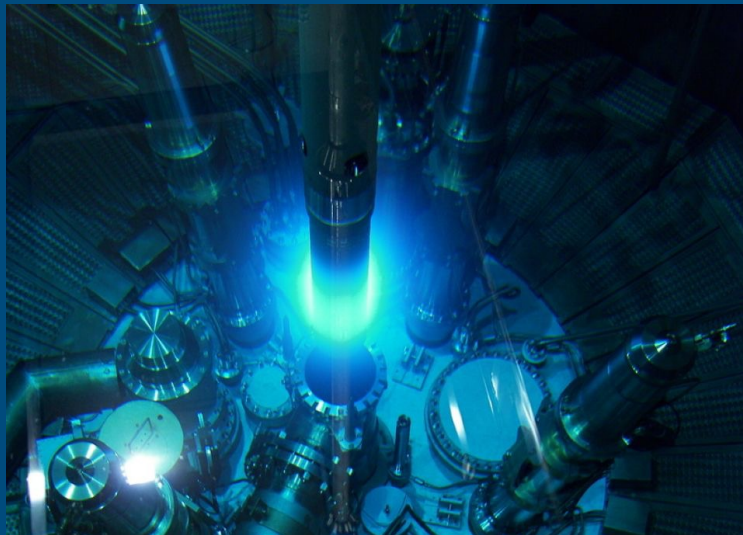
Photons



Ions



Neutrons



Highest
Fields





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