



Max Planck Society for the Advancement of Science e. V.

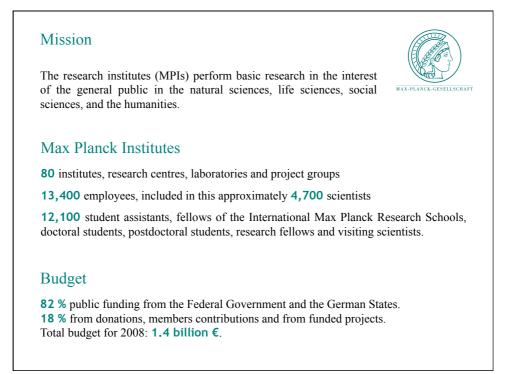


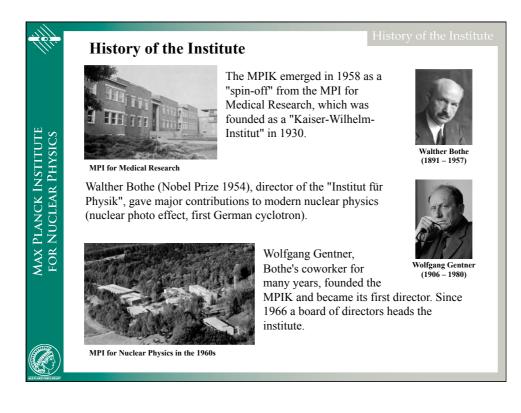
General Mission

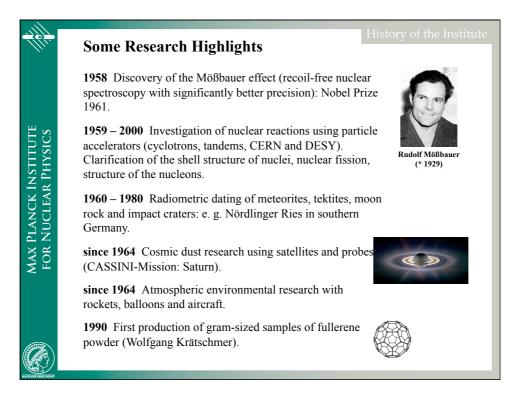
The Max Planck Society for the Advancement of Science is an independent, non-profit research organization. It was founded on February 26, 1948, and is the successor organization to the Kaiser Wilhelm Society, which was established in 1911. The primary goal of the Max Planck Society is to promote research at its own institutes.

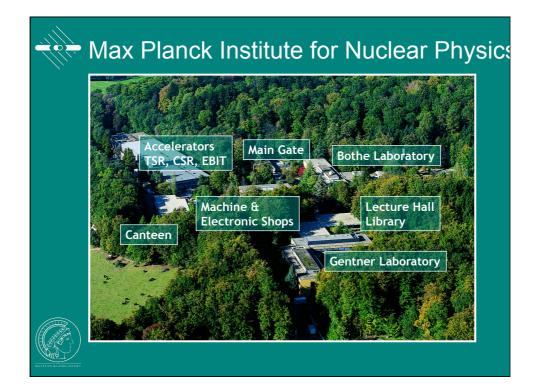
Promoting the Best – the Harnack Principle

The scientific definition of the Max Planck Society derives from its understanding of research: Max Planck Institutes are established only on world leading research topics. Institutes are composed of divisions led by directors which are hired according to the Harnack principle. The directors of each division can freely determine their research topics with excellent working conditions.

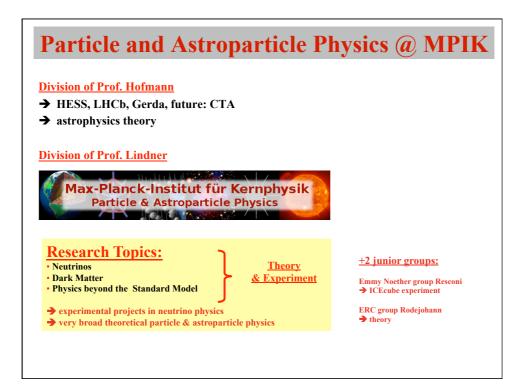








The MPIK today ... some numbers: **Astroparticle Physics** 2 Research areas **Quantum Dynamics** MAX PLANCK INSTITUTE FOR NUCLEAR PHYSICS 5 Divisions / **Further research:** Directors Atmospheric physics 9 Independent Cosmic dust research groups Carbon molecules and fullerenes **392** employees 88 Scientists 122 PhD Students 43 Diploma Students 86 Guest scientists Total budget (2008): 27.2 million €



Current Activities of the Division
Experimental Projects:
Gerda: Search for neutrino-less double beta decay
Double Chooz: Search for q13
Borexino: Solar neutrino spectroscopy
IceCube: Neutrino telescope
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Theory: broad spectrum of topics
• phenomenology
data analysis
physics beyond the SM
finite temperature QFT
•••
→ topics: EWSB, neutrinos, Dark Matter, Dark Energy

