

**WILHELM UND ELSE
HERAEUS-STIFTUNG**

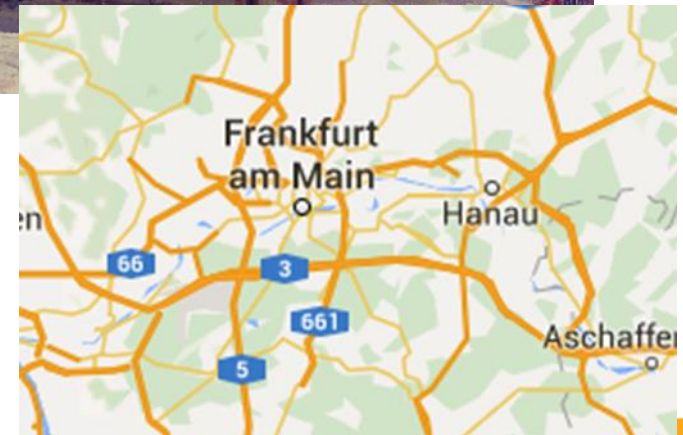




1851: Wilhelm Carl Heraeus in Hanau

1856: Melting of Platinum

1899: Void-free Quartz Glass



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1856: Melting of Platinum

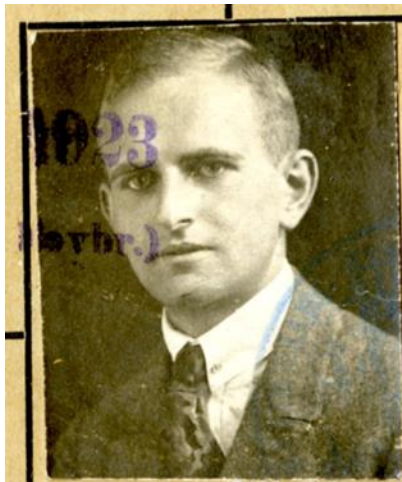
1899: Void-free Quartz Glass

Wilhelm Heinrich Heraeus

- born 1900
- studied physics
- completed his PhD in physics
in 1923 @ University Frankfurt

Wilhelm Heinrich Heraeus

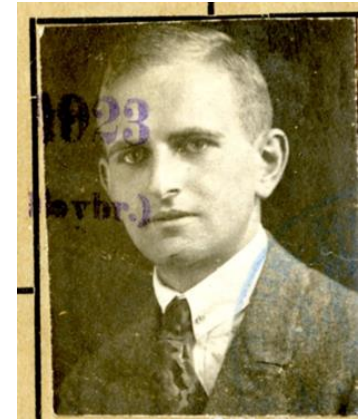
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Weihnachten 1922 bezog ich die Universität Frankfurt,
nahm an den Vorlesungen und praktischen Übungen folgender
Herrn Professoren teil :
Gerlach, Madelung, Lorentz,
und führte bei Herrn Geheimrat Wachsmuth und Herrn Prof.
Gerlach meine Promotionsarbeit aus.

Wilhelm Heinrich Heraeus

- born 1900
- studied physics
- completed his PhD in physics in 1923 @ University Frankfurt
- entered the company that his grandfather had founded in 1851 in Hanau (still one of the top-10 family owned companies in Germany),
- where he spent his career as manager and entrepreneur
- established, together with his wife Else, the WE-Heraeus-Foundation in 1963
- after they passed away in the 1980ies, their company shares were transferred into the property of the foundation



**Else Heraeus
and
Dr. Wilhelm
Heinrich Heraeus**



Purpose

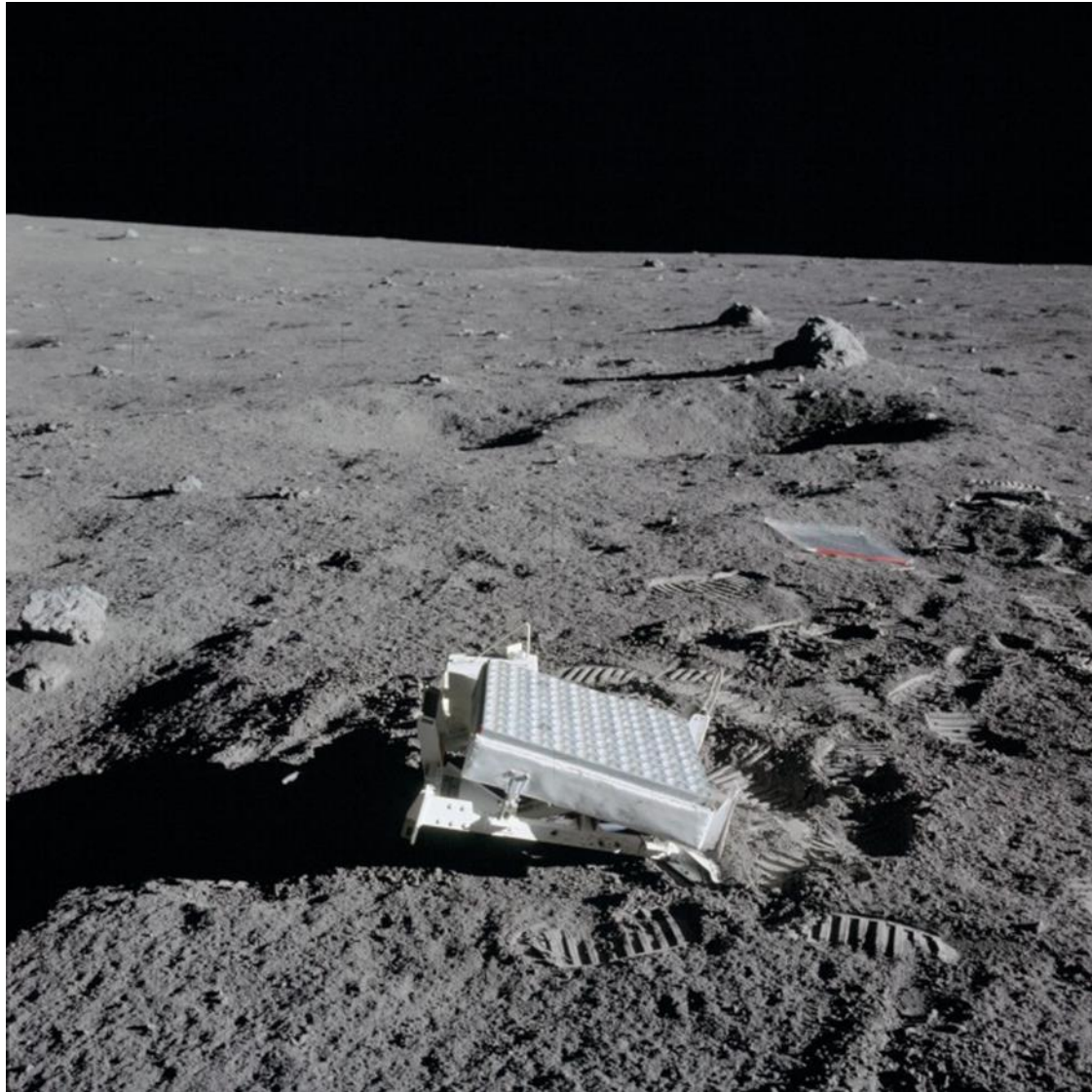
Support of research and education in science, with emphasis on physics, by

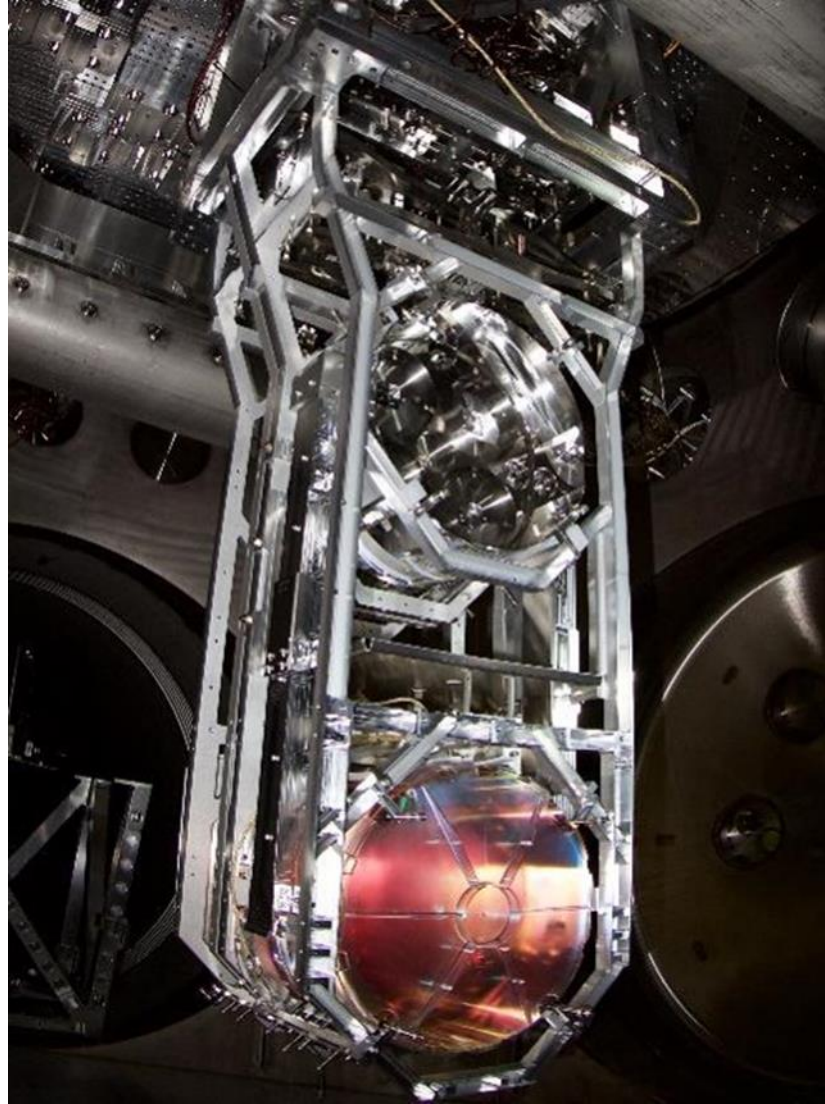
- funding school activities (e.g. school labs)
- funding teacher training courses
- supporting physics students (e.g. travel support to meetings of the German Physical Society - DPG)
- organizing/funding scientific communication:
- WE-Heraeus Seminars, Summer Schools, Research Retreats
- cooperation with other non-profit institutions (especially DPG)
- awarding senior professorships
- special projects, prizes, etc.

Heraeus Group

- **globally active group**
- **14.000 employees (approx. 5.300 in Germany)**
- **revenues 2022: approx. 29 billion €**
- **one of the top 10 family-owned companies in Germany**
- **includes businesses in the environmental, electronics, health and industrial applications sectors**











Scientific Communication

- **WE Heraeus Seminars**
since 1975: > 800 / > 50.000 participants
- **WE Heraeus Physics Schools**
since 1989: approx. 400, mainly on topics not yet covered in textbooks; recently also outside Germany → Karpacz!
- **WE Heraeus Research Group Retreats**
since 2014, at i.e. mountain huts, with ample time to discuss about physics, embedded in social activities
- **Binational WE Heraeus Seminars**
since 2019, foster existing cooperation or initiate new one between physicists in Germany and a partner country worldwide

Organization

Board of Directors	Jürgen Mlynek, Berlin (Chair)
	Ursula Heraeus, Freiburg
	Rolf-Dieter Heuer, Genf

Organization

Scient. Advisory Board	Klaus Blaum, MPI for Nuclear Physics, Heidelberg
	Klaus Dieterich, Stuttgart
	Katharina Kohse-Höinghaus, Universität Bielefeld
	Dieter Meschede, Universität Bonn, ex officio for DPG
	Heike Riel, IBM Zürich
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Office	Stefan Jorda
	Martina Albert, Jutta Lang, Elisabeth Nowotka, Mojca Peklaj

Preferred Venue



Physikzentrum Bad Honnef (near Bonn)

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**École de Physique @
Les Houches**

**Ettore Majorana Foundation
@ Erice**

**School of Physics „Enrico
Fermi“ @ Varenna**

**Institut d'Études
Scientifiques @ Cargèse**

Winter School on Theoretical Physics @ Karpacz



Binational WE Heraeus Seminars

- **Initiate new or foster existing collaborations between research groups in Germany and another country (worldwide)**
- **Scientists from Germany and the partner country can submit a joint proposal**
- **Seminars can take place either in Germany or partner country**
- **First ones with France, UK and Poland**



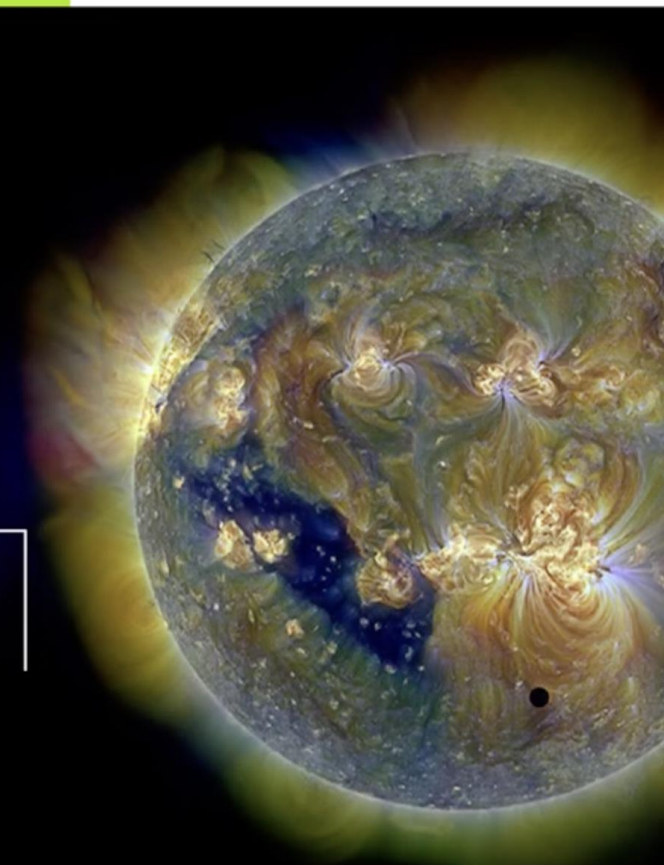


Polish-German WE Heraeus Seminar in Görlitz, Dec. 2023

03.12.
06.12.
2023

Polish-German WE-Heraeus Seminar
& Max Born Symposium

Many-particle systems under extreme conditions



WILHELM UND ELSE
HERAEUS-STIFTUNG



Uniwersytet
Wrocławski



CASUS
CENTER FOR ADVANCED
SCIENCE



HZDR
HELMHOLTZ ZENTRUM



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1:48 🔊 🖥️ ⏪

Education

Financial support for exemplary projects designed to improve physics teaching at schools

Education



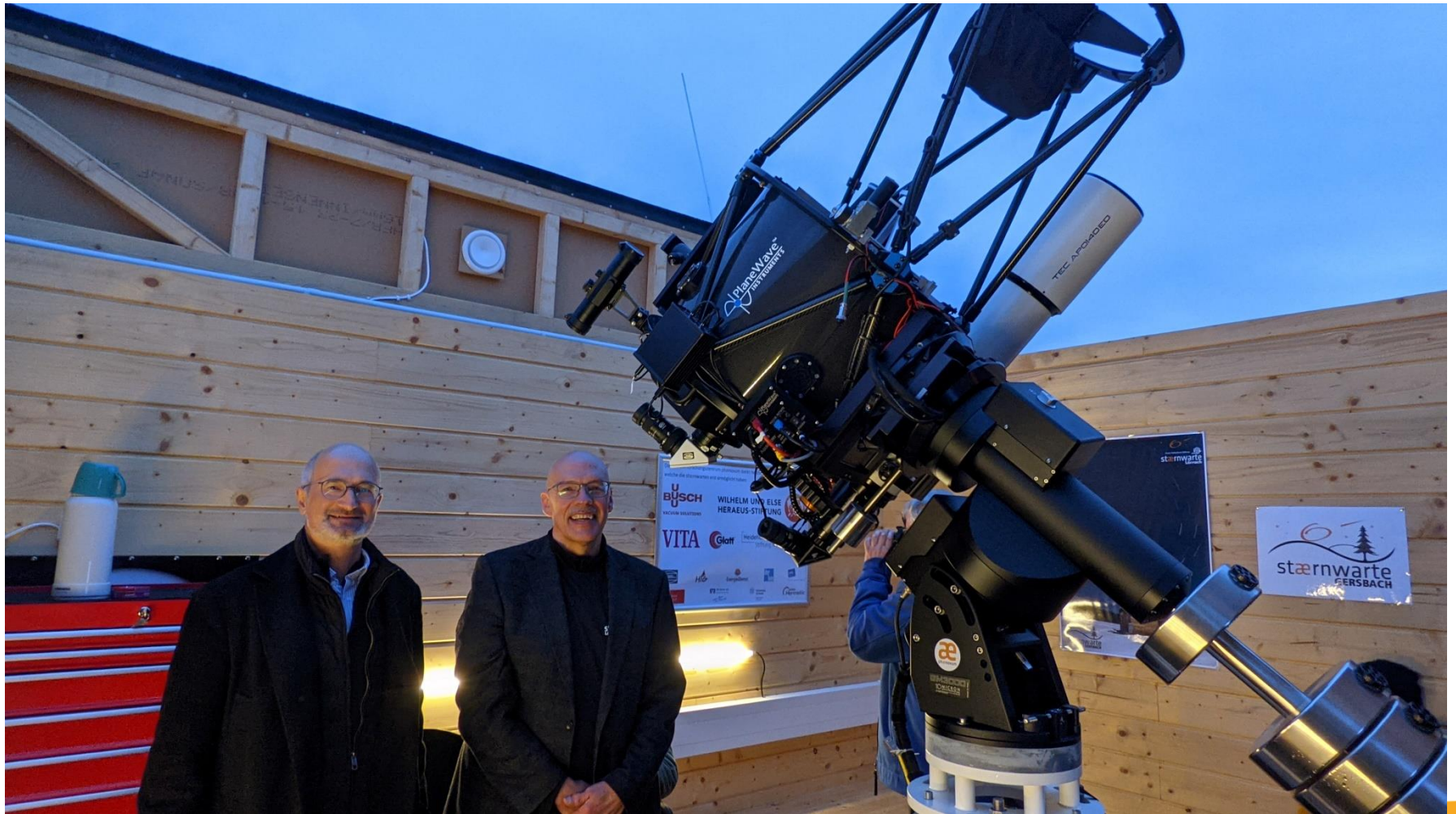
Education



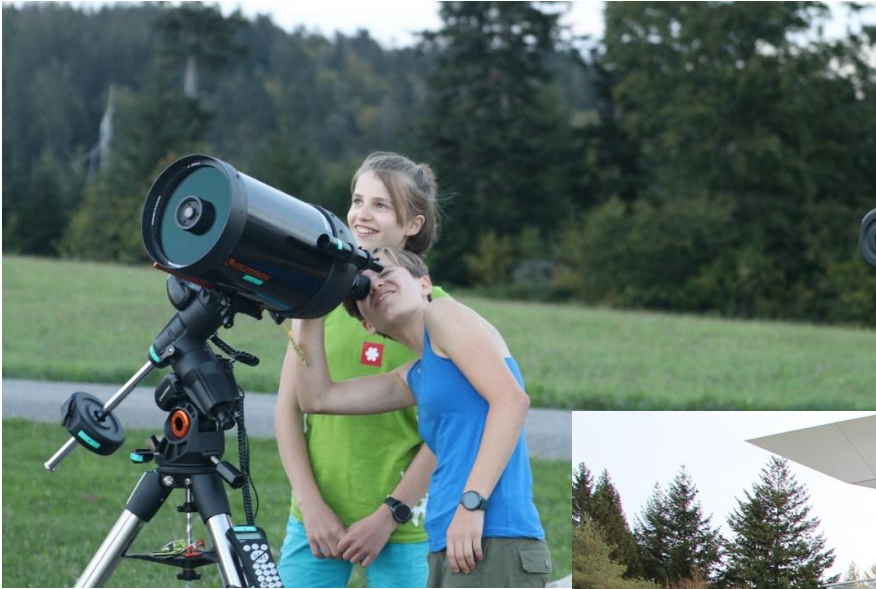
Education



Education



Education



**Many activities related to e.g.
Astronomy: school
observatories, teacher training
courses in Astronomy**



Further information

