



# A New Glance from Science on the German Uranium Project 1939–1945

Symposium held by the Heisenberg-Gesellschaft  
16–18 September 2024, Empfingen, Hotel Empfinger Hof

## Monday, 16 Sep. 2024

- 14:00 *Johannes Bluemer*  
**Opening**
- 14:15 *Alexander Blum*  
**The basic research of the Uranium Club I: Theoretical physics**
- 15:00 *Manfred Popp*  
**The basic research of the Uranium Club II: Experimental physics**
- 15:45 Coffee Break
- 16:15 *Johannes Bluemer*  
**The symposium on cosmic rays**
- 17:00 *Piet de Klerk*  
**The peculiarities of the German Uranium Project 1939–1945**
- 19:30 Dinner

## Tuesday, 17 Sep. 2024

- 09:00 *Egidius Fechter*  
**The history of the Atomkeller**
- 10:00 **Visit of the Atomkeller-museum**
- 13:00 Lunch Break
- 14:00 *B. Cameron Reed*  
**The Manhattan Project – the bench mark**
- 14:45 *Joseph Mc Cauley*  
**Heisenberg's lecture on August 14, 1945 at Farm Hall**
- 15:30 Coffee Break
- 16:00 *Ron Dagan*  
**Harteck's and Heisenberg's reactor experiments in the light of modern reactor physics**
- 16:45 *B. Cameron Reed*  
**Survey of other international critical experiments**
- 19:30 Dinner

## Wednesday, 18 Sep. 2024

- 09:30 *Manfred Popp*  
**Discussion**  
With historians of science, science journalists, and symposium speakers
- 10:30 *Johannes Bluemer*  
**Round-up**
- 11:00 **Discussion**
- 12:00 Departure

Werner Heisenberg (1901–1976) laid the foundations of quantum mechanics; received the Nobel Prize in Physics 1932. During World War II he became involved in the so-called German Uranium Project, which was supposed to clarify the usage potential of nuclear fission. Heisenberg's role in this project has been discussed extensively over the decades, and yet there are still uncertainties and controversies about the scope and aim of the work.

Mark Walker's overview of the various interpretations of the → [German Uranium Project](#) may serve as an introduction to the wealth of literature; a recent bibliography by Manfred Popp is available from <https://doi.org/10.3390/jne4030040>.

This symposium aims to provide more clarity by presenting and discussing new scientific findings on the work carried out.

This symposium is supported by Helmholtz research academy Hessen (HFHF).

Up-to-date information and registration (required): → <https://indico.gsi.de/e/Heisenberg-Symposium>

