

2nd DPG Fall Meeting

of the Deutsche Physikalische Gesellschaft

Quantum Physics

Topics:

- **Quantum Physics in Research and Technology**
- **The Path to the Modern Quantum World**
- **Applications of Quantum Technologies**

Joint Meeting of the

- **Atomic, Molecular, Quantum Optics and Photonics Section (SAMOP)**
- **Condensed Matter Section (SKM)**
- **Matter and Cosmos Section (SMuK)**

100 years ago, Göttingen played a central role in creating quantum physics as we know it today. In 1925 Werner Heisenberg, then an assistant at the Göttingen Institute for Theoretical Physics, published his famous article "Quantum-Theoretical Re-Interpretation of Kinematic and Mechanical Relations". This article marks the beginning of quantum mechanics and therefore the United Nations, the German Physical Society (DPG) and numerous Physical Societies around the world will celebrate 2025 as the "Year of Quantum Science and Technology".

The activities of the Quantum Year 2025 in Germany will culminate in an international conference in Göttingen (2nd DPG Fall Meeting, Sept. 8-12, 2025). The meeting will cover the present status and perspectives of all fields of modern physics reigned by quantum mechanics (condensed matter physics, atomic and molecular physics, quantum optics, elementary particle physics, quantum information and computing, and many others) as well as the historical roots of quantum mechanics and conceptual questions that still challenge us today.

Apart from high profile speakers covering all fields of modern physics there will be contributed sessions, all together creating a unique opportunity to look across the boundaries of individual research topics under the umbrella of quantum physics.

quantum25.dpg-tagungen.de

**Save
the Date!**
8-12 Sep 2025



8-12 September 2025

Local and Scientific Organisers:

Prof. Dr. Stefan Kehrein
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Friedrich-Hund-Platz 1
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Prof. Dr. Thomas Weitz
I. Physikalisches Institut - Experimentalphysik
Friedrich-Hund-Platz 1
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Conference Venue:

Georg-August Universität Göttingen, Zentrales Hörsaalgebäude,
Platz der Göttinger Sieben 5, 37073 Göttingen