



Call for Papers : QuEBS 2026

Workshop on Quantum Effects in Biological Systems

Location: Eötvös Loránd University (ELTE), Budapest, Hungary

Website: <https://quebs2026.elte.hu>

The Organizing Committee is pleased to announce that the 2026 Workshop on Quantum Effects in Biological Systems (QuEBS 2026) will take place in the vibrant city of Budapest on **June 3–5**, hosted by Eötvös Loránd University. As the latest edition of this premier international series, QuEBS 2026 continues the tradition of bringing together a diverse, interdisciplinary community of researchers to explore the frontiers of quantum biology.

We invite world-leading experts and young practitioners from physics, chemistry, biology, material science, and quantum information science to present their latest findings. The workshop will provide a highly stimulating environment for exchanging cutting-edge ideas and discussing new data on the identification and study of quantum-mechanical phenomena in biological systems.

The scientific program will cover the full spectrum of the field, bridging foundational research with emerging technological applications. We welcome submissions addressing the core questions of quantum biology, including quantum coherence and decoherence in photosynthetic energy transfer, tunneling phenomena in enzymatic catalysis, and spin dynamics in magnetoreception. Building on this solid basis, the workshop will also explore the dual frontiers of Quantum for Biology and Biology for Quantum. This includes developing quantum-enhanced sensing to probe biological systems with unprecedented sensitivity and applying quantum computing to solve complex biological problems. We equally encourage research into bio-inspired quantum architectures and the use of biological materials for quantum information processing, fostering a dialogue that connects deep theoretical insights with the engineering of hybrid quantum-biological devices.

We encourage you to **submit your abstracts for oral and poster presentations by March 29**. This gathering in Budapest promises not only rigorous scientific discourse but also the opportunity to network with colleagues in one of Europe's most beautiful capitals.

For abstract submission, registration details, and the full conference schedule, please visit our official website at quebs2026.elte.hu. For information on the history and scope of this conference series, please refer to quebs.org.

We look forward to welcoming you to Budapest in June for QuEBS 2026.

