**Anton Zeilinger, Professor at the Vienna Center for Quantum Science and Technology and President of the Austrian Academy of Sciences**

He received the Inaugural Isaac Newton Medal of the Institute of Physics (UK) in 2008, the citation succinctly sums up his achievements: “For his pioneering conceptual and experimental contributions to the foundations of quantum physics, which have become the cornerstone for the rapidly-evolving field of quantum information.” His research has centered around quantum entanglement of both photons and atoms, with his most significant contribution being the discovery of GHZ states, alongside Greenberger and Horne and their first experimental realization. These multi-particle entanglement states and their generalization have become essential in quantum information science, most notably in quantum computation.

