

Biography

Klaus Mølmer is professor at the Niels Bohr Institute in Copenhagen. He graduated in 1990 from Aarhus University, and he had longer research stays in Paris and in Munich. As a theoretical physicist, he has led and participated in numerous research centers and programs on quantum optics and quantum information. He has contributed to the understanding and application of dissipation and measurements in quantum mechanics and quantum optics, and he has developed key concepts and proposals for quantum computing with ions, atoms and photons. He has popularized science in numerous talks and articles as well as in a Danish textbook on Quantum Mechanics, and he has contributed to "quantum composition" of music and stage performances with composers, musicians, ballet dancers and other artists.