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# The Second Quantum Revolution

From Entanglement to Quantum Computing and Other Super-Technologies

- Provides an accessible and entertaining read about to the awe-inspiring developments and possibilities of the latest quantum technologies (“Quantum 2.0”)
- Written by an expert on quantum physics for non-experts
- Introduces the inevitable philosophical and societal questions of quantum physics that physicists usually sweep under the carpet

This book tells the story of the second quantum revolution which will shape the 21st century as much as the first quantum revolution shaped the 20th century. It provides unique orientation in today's discussion and the latest progress on the interpretation of quantum physics and its further technological potential. As you read this book the first prototypes of this revolution are being built in laboratories worldwide. Super-technologies such as nanotechnology, quantum computers, quantum information processing, and others will soon shape our daily lives, even if physicists themselves continue to disagree on how to interpret the central theory of modern physics. The book will thus also touch on the profound philosophical questions at the heart of quantum mechanics.

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