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| Titolo | Re-Thinking Time at the Interface of Physics and Philosophy [[electronic resource] ] : The Forgotten Present / / edited by Albrecht von Müller, Thomas Filk |
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| Soggetti | Quantum physics<br>Philosophy and science<br>Metaphysics<br>Philosophy of mind<br>Physics<br>Quantum Physics<br>Philosophy of Science<br>Philosophy of Mind<br>History and Philosophical Foundations of Physics |
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| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | The Forgotten Present -- Autogenetic Network Theory -- Relational Events and the Conflict Between Relativity and the Collapse -- Relativistic Interactions and the Structure of Time -- Instants in Physics – Point Mechanics and General Relativity -- Irreversibility and Collapse Models -- Time and the Algebraic Theory of Moments -- The Problem of Time and the Problem of Quantum Measurement -- Classical and Quantum Probability: The two Logics of Science -- Present and Future in Quantum Mechanics -- Quantum Physics and Presentism -- Now, Factuality and Conditio Humana. |
| Sommario/riassunto | The current volume of the Parmenides Series “On Thinking” addresses our deepest and most personal experience of the world, the experience of “the present,” from a modern perspective combining physics and philosophy. Many prominent researchers have contributed articles to |

the volume, in which they present models and express their opinions on and, in some cases, also their skepticism about the subject and how it may be (or may not be) addressed, as well as which aspects they consider most relevant in this context. While Einstein might have once hoped that “the present” would find its place in the theory of general relativity, in a later discussion with Carnap he expressed his disappointment that he was never able to achieve this goal. This collection of articles provides a unique overview of different modern approaches, representing not only a valuable summary for experts, but also a nearly inexhaustible source of profound and novel ideas for those who are simply interested in this question.