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Autore	Andersen Hanne
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Altri autori (Persone)	DieksDennis GonzalezWenceslao J UebelThomas WheelerGregory
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Nota di contenuto	Wenceslao J. Gonzalez, Preface, - Teams A and D: The Philosophy of Computer Science and Artificial Intelligence -- Jesse Alama, Reinhard Kahle, Computing with Mathematical Arguments -- Dennis Dieks, Is There a Unique Physical Entropy? Micro versus Macro -- Luciano Floridi, A Defence of the Principle of Information Closure against the Sceptical Objection -- Roberto Giuntini, Hector Freytes, Antonio Ledda, Giuseppe Sergioli, Probabilistic Logics in Quantum Computation -- Alexei Grinbaum, Quantum Observer, Information Theory and Kolmogorov Complexity -- Leon Horsten, Mathematical Philosophy? -- Ulrike Pompe, The Value of Computer Science for Brain Research -- Sam Sanders, On Algorithm and Robustness in a Non-standard Sense. - Francisco C. Santos, Jorge M. Pacheco, Behavioral Dynamics under Climate Change Dilemmas -- Sonja Smets, Reasoning about Quantum Actions: A Logician's Perspective -- Leszek Wroński, Branching Space-Times and Parallel Processing -- Team B: Philosophy of Systems Biology -- Gabriele Gramelsberger, Simulation and System Understanding -- Tarja Knuutila, Andrea Loettgers, Synthetic Biology as an Engineering Science? Analogical Reasoning, Synthetic Modeling, and Integration. - Anders Strand, Gry Oftedal, Causation and Counterfactual

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#### Sommario/riassunto

This volume is a serious attempt to open up the subject of European philosophy of science to real thought, and provide the structural basis for the interdisciplinary development of its specialist fields, but also to provoke reflection on the idea of 'European philosophy of science'. This efforts should foster a contemporaneous reflection on what might be meant by philosophy of science in Europe and European philosophy of science, and how in fact awareness of it could assist philosophers interpret and motivate their research through a stronger collective identity. The overarching aim is to set the background for a collaborative project organising, systematising, and ultimately forging an identity for, European philosophy of science by creating research structures and developing research networks across Europe to promote its development.

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