

1. Record Nr.	UNISA996465895203316
Titolo	Principles of Distributed Systems [[electronic resource]] : 13th International Conference, OPODIS 2009, Nîmes, France, December 15-18, 2009. Proceedings // edited by Tarek F. Abdelzaher, Michel Raynal, Nicola Santoro
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
ISBN	3-642-10877-6
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (XIII, 373 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 5923
Disciplina	004.6
Soggetti	Computer networks Computer programming User interfaces (Computer systems) Human-computer interaction Computer engineering Electronic data processing—Management Computer Communication Networks Programming Techniques User Interfaces and Human Computer Interaction Computer Engineering and Networks IT Operations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	International conference proceedings.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Talks -- Transactional Memory Today: A Status Report -- Navigating the Web 2.0 with Gossple -- Distributed Scheduling -- Transactional Scheduling for Read-Dominated Workloads -- Performance Evaluation of Work Stealing for Streaming Applications -- Not All Fair Probabilistic Schedulers Are Equivalent -- Brief Announcement: Relay: A Cache-Coherence Protocol for Distributed Transactional Memory -- Distributed Robotics -- Byzantine Convergence in Robot Networks: The Price of Asynchrony -- Deaf, Dumb, and Chatting Asynchronous Robots -- Synchronization Helps Robots to Detect Black Holes in Directed Graphs -- Fault and Failure

Detection -- The Fault Detection Problem -- The Minimum Information about Failures for Solving Non-local Tasks in Message-Passing Systems -- Enhanced Fault-Tolerance through Byzantine Failure Detection -- Wireless and Social Networks -- Decentralized Polling with Respectable Participants -- Efficient Power Utilization in Multi-radio Wireless Ad Hoc Networks -- Adversarial Multiple Access Channel with Individual Injection Rates -- Synchronization -- NB-FEB: A Universal Scalable Easy-to-Use Synchronization Primitive for Manycore Architectures -- Gradient Clock Synchronization Using Reference Broadcasts -- Brief Announcement: Communication-Efficient Self-stabilizing Protocols for Spanning-Tree Construction -- Storage Systems -- On the Impact of Serializing Contention Management on STM Performance -- On the Efficiency of Atomic Multi-reader, Multi-writer Distributed Memory -- Abortable Fork-Linearizable Storage -- Distributed Agreement -- On the Computational Power of Shared Objects -- Weak Synchrony Models and Failure Detectors for Message Passing (k-)Set Agreement -- Unifying Byzantine Consensus Algorithms with Weak Interactive Consistency -- Distributed Algorithms -- Safe and Eventually Safe: Comparing Self-stabilizing and Non-stabilizing Algorithms on a Common Ground -- Proactive Fortification of Fault-Tolerant Services -- Robustness of the Rotor-router Mechanism -- Brief Announcement: Analysis of an Optimal Bit Complexity Randomised Distributed Vertex Colouring Algorithm -- Brief Announcement: Distributed Swap Edges Computation for Minimum Routing Cost Spanning Trees.

Sommario/riassunto

This book constitutes the refereed proceedings of the 13th International Conference on Principles of Distributed Systems, OPODIS 2009, held in Nimes, France, in December 2009. The 23 full papers and 4 short papers presented were carefully reviewed and selected from 72 submissions. The papers are organized in topical sections on distributed scheduling, distributed robotics, fault and failure detection, wireless and social networks, synchronization, storage systems, distributed agreement, and distributed algorithms.

2. Record Nr.	UNINA9910137088503321
Autore	Carlos Eduardo Batista de Sousa
Titolo	Decision-making experiments under philosophical analysis : human choice as a challenge for neuroscience // edited by Gabriel José Corrêa Mograbi and Carlos Eduardo Batista de Sousa
Pubbl/distr/stampa	Frontiers Media SA, 2015 France : , : Frontiers Media SA, , 2015
ISBN	9782889196685 (ebook)
Descrizione fisica	1 online resource (123 pages) : illustrations, charts
Collana	Frontiers Research Topics
Disciplina	153.8/3
Soggetti	Neuroscience
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	This introduction just aims to be a fast foreword to the special topic now turned into an e-book. The Editorial "Decision-Making Experiments under a Philosophical Analysis: Human Choice as a Challenge for Neuroscience" alongside with my opinion article "Neurophilosophical considerations on decision making: Pushing-up the frontiers without disregarding their foundations" play the real role of considering in more details the articles and the whole purpose of this e-book. What I must highlight in this foreword is that our intention with such a project was to deepen into the very foundations of our current paradigms in decision neuroscience and to philosophically moot its foundations and repercussions. Normal Science (a term coined by Philosopher Thomas Kuhn) works under a research consensus among a scientific community: A shared paradigm, consolidated methods, widespread convictions. Pragmatically, winning formulas must be kept, although, not at any cost. What differentiates a gifted and revolutionary scientist from a more bureaucratic colleague is the capacity and willingness of constantly reevaluating, depurating and refining his/her own paradigm. That is best strategy to avoid that a paradigm itself would gradually come under challenge. In my view, some achievements, in this sense, were brought about in our project.

The e-book will be inspiring and informative for both neuroscientists that are concerned with the very foundations of their works and for philosophers that are not blind to empirical evidence. Kant once said: "Thoughts without content are empty, intuitions without concepts are blind". Paraphrasing Kant we could say: Philosophy without science is empty, science without philosophy is blind.
