

1. Record Nr.	UNINA9910484361903321
Titolo	Coordination Models and Languages : 18th IFIP WG 6.1 International Conference, COORDINATION 2016, Held as Part of the 11th International Federated Conference on Distributed Computing Techniques, DisCoTec 2016, Heraklion, Crete, Greece, June 6-9, 2016, Proceedings // edited by Alberto Lluch Lafuente, José Proença
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Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XIV, 279 p. 83 illus.)
Collana	Programming and Software Engineering ; ; 9686
Disciplina	005.12
Soggetti	Software engineering Computer logic Computer programming Programming languages (Electronic computers) Algorithms Software Engineering Logics and Meanings of Programs Programming Techniques Programming Languages, Compilers, Interpreters Algorithm Analysis and Problem Complexity
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Multilevel Transitive and Intransitive Non-Interference, Causally -- A Game Interpretation of Retractable Contracts -- Where Do Your IoT Ingredients Come from? -- Tuple Spaces Implementations and Their Efficiency -- On-the-Fly Mean-field Model-Checking for Attribute-Based Coordination -- Scheduling Games for Concurrent Systems -- ParT: An Asynchronous Parallel Abstraction for Speculative Pipeline Computations -- Modelling Ambulance Deployment with CARMA -- On Synchronous and Asynchronous Compatibility of Communicating Components -- A Semantic Theory of the Internet of Things -- A Formal Analysis of the Global Sequence Protocol -- Improving Gossip

Dynamics through Overlapping Replicates -- From Modelling to Systematic Deployment of Distributed Active Objects -- An Interference-Free Programming Model for Network Objects -- On Sessions and Infinite Data -- On Dynamical Probabilities, or: How to Learn to Shoot Straight.

Sommario/riassunto

This book constitutes the proceedings of the 18th International Conference on Coordination Models and Languages, COORDINATION 2016, held in Heraklion, Crete, Greece, in June 2016, as part of the 11th International Federated Conference on Distributed Computing Techniques, DisCoTec 2016. The 16 full papers included in this volume were carefully reviewed and selected from 44 submissions. The papers cover a wide range of topics and techniques related to system coordination, including: programming and communication abstractions; communication protocols and behavioural types; actors and concurrent objects; tuple spaces; games, interfaces and contracts; information flow policies and dissemination techniques; and probabilistic models and formal verification.

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Titolo

Attention, representation, and human performance : integration of cognition, emotion, and motivation // Slim Masmoudi, David Yun Dai, Abdelmajid Naceur editors

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Disciplina

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Soggetti

Cognitive psychology
Emotions and cognition
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Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Attention, Representation, and Human Performance: Integration of Cognition, Emotion, and Motivation; Copyright; Contents; Preface; Contributors; Introduction: Toward an Integrative Understanding of Cognitive, Emotional, and Motivational Processes; Section I The Role of Emotion and Motivation in Attention and Perception; 1 How Does Emotion Influence Working Memory?; 2 Dynamical Interactions of Attention and Emotion: A Cognitive Neuroscience Approach Through Neural Network Connectivity; 3 Investigating the Psychological and Neural Basis of Emotional Processing 4 How Do Emotional Facial Expressions Influence Our Perception of Time? Section II Representation and Processing and the Role of Emotion and Motivation; 5 Mood's Influence on Semantic Memory Valence or Arousal?; 6 Neuroaesthetics and the Art of Representation; 7 Motivation and Construction of Retrospective Opinions; 8 From Human Creative Cognitive Processes to Adaptable Artificial System Design; 9 Euphoria Versus Dysphoria Differential Cognitive Roles in Religion?; Section III The Role of Emotion and Motivation in Human Performance; 10 Is It Possible to Solve a Problem Without Emotion? 11 Cognition and Emotion in Creative Design 12 The Decision Process Is by Definition Irrational; Epilogue: Where Is the Unity of Attention, Representation, and Performance? A Commentary; Author Index; Subject Index
Sommario/riassunto	"This volume presents a rare occasion where scholars from Europe, North Africa and North America share their research programs and findings revolving around an important theme: integration. Despite different research foci and methodologies, there is a strong consensus that we need to understand a psychological phenomenon in all its complexity, involving its neural, psychological, and social dimensions, involving perception and conception, and decision processes, involving motivation, emotion, and cognition -- all in complex interaction. This volume is intended to reach out to basic and applied psychological researchers, cognitive and affective scientists, learning scientists, biologists, sociologists, neuropsychological researchers, and philosophers, who have an interest in an integrated understanding of the mind at work, particularly pertaining to explanations of real-life phenomena that have social and practical significance. A distinct feature of this volume is that most research involved is heavily built on neuropsychological evidence, while loyal to the experimental tradition with its focus on functional behavior in various situations and conditions that mimic or resemble real life. The viability of this approach to doing cutting-edge research that is relevant and applicable to many real-life phenomena should also make this body of research useful for a wide range of human endeavor, from religion, education, to industrial and organizational psychology"--