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Nota di contenuto	Invited Paper -- Plan-Coordination Mechanisms and the Price of Autonomy -- Regular Papers -- Actions with Failures in Interval Temporal Logic -- A Logic for Reasoning about Rational Agents -- Formal Modelling of Emotions in BDI Agents -- 'What I Fail to Do Today, I Have to Do Tomorrow': A Logical Study of the Propagation of Obligations -- Proof Theory for Distributed Knowledge -- EVOLP: Transformation-Based Semantics -- Language Constructs for Multi-agent Programming -- -Tropos -- A Heuristic Approach to P2P Negotiation -- Towards Context Sensitive Defeasible Rules -- Fuzzy Argumentation for Trust -- Assumption-Based Argumentation for Selection and Composition of Services -- A Complete Quantified Epistemic Logic for Reasoning about Message Passing Systems -- Analytic Cut-Free Tableaux for Regular Modal Logics of Agent Beliefs -- System Description Paper -- EVOLP: An Implementation.
Sommario/riassunto	This book constitutes the thoroughly refereed post-conference proceedings of the 8th International Workshop on Computational Logic for Multi-Agent Systems, CLIMA VIII, held in Porto, Portugal, in September 2007 - co-located with ICLP 2008, the International Conference on Logic Programming. The 14 revised full technical papers and 1 system description paper presented together with 1 invited paper were carefully selected from 33 submissions and went through at least two rounds of reviewing and improvement. The regular papers address

topics such as interdependencies and co-ordination of task-based planning in multi-agent systems, interval temporal logic, game theoretic concepts for reasoning about rational agents, proof theory for multi-agent epistemic logic, transformational semantics for evolving logic programs (EVOLP), programming languages based on BDI models, agent oriented early requirements engineering framework, heuristic algorithms for agent negotiation, as well as argumentation.
