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Altri autori (Persone)	CairesLuis
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Lectures -- Data Structures I -- Cryptography and Complexity -- Data Structures II -- Cryptography and Distributed Systems -- Graph Algorithms I -- Security Mechanisms -- Graph Algorithms II -- Automata and Formal Languages I -- Signature and Message Authentication -- Algorithmic Game Theory -- Automata and Logic -- Computational Algebra -- Cache-Oblivious Algorithms and Algorithmic Engineering -- On-line Algorithms -- Security Protocols Logic -- Random Graphs -- Concurrency I -- Encryption and related Primitives -- Approximation Algorithms I -- Games -- Approximation Algorithms II -- Lower Bounds -- Probability -- Approximation Algorithms III -- Automata and Formal Languages II -- Approximation Algorithms IV -- Algebraic Computation and Communication Complexity -- Concurrency II -- String Matching and Computational Biology -- Quantum Complexity -- Analysis and Verification -- Geometry and Load Balancing -- Concrete Complexity and Codes -- Model Theory and Model Checking.
Sommario/riassunto	The 32nd International Colloquium on Automata, Languages and Programming (ICALP 2005) was held in Lisbon, Portugal from July 11 to July 15, 2005. These proceedings contain all contributed papers

presented at ICALP 2005, -
getherwiththepapersbytheinvitedspeakersGiuseppeCastagna(ENS),
Leonid Libkin (Toronto), John C. Mitchell (Stanford), Burkhard Monien
(Paderborn), and Leslie Valiant (Harvard). The program had an
additional invited lecture by Adi Shamir (Weizmann Institute) which
does not appear in these proceedings. ICALP is a series of annual
conferences of the European Association for Theoretical Computer
Science (EATCS). The first ICALP took place in 1972. This year, the ICALP
program consisted of the established track A (focusing on algorithms,
automata, complexity and games) and track B (focusing on logic,
semantics and theory of programming), and innovated on the structure
of its traditional scientific program with the inauguration of a new track
C (focusing on security and cryptography foundation). In response to a
call for papers, the Program Committee received 407 submissions, 258
for track A, 75 for track B and 74 for track C. This is the highest
number of submitted papers in the history of the ICALP conferences.
The Program Committees selected 113 papers for inclusion in the
scientific program. In particular, the Program Committee for track A
selected 65 papers, the Program Committee for track B selected 24
papers, and the Program Committee for track C selected 24 papers. All
the work of the Program Committees was done electronically.
