

1. Record Nr.	UNINA9910131266303321
Autore	Philippe Borgard Jean-Pierre Brun, Maurice Picon (dir.)
Titolo	L'alun de Méditerranée
Pubbl/distr/stampa	Publications du Centre Jean Bérard, 2005 [Place of publication not identified], : Publications du Centre Jean Bérard, 2005
ISBN	2-918887-37-4
Descrizione fisica	1 online resource (354 pages)
Collana	Collection du Centre Jean Berard ; ; 23
Soggetti	Business & Economics Industries Mediterranean Region Economic conditions
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Sommario/riassunto	« La grande histoire a longtemps oublié l'alun, parce qu'il était un personnage discret, comme elle a longtemps négligé de s'intéresser au blé, à l'huile, et en général à tout ce qui est indispensable à la vie quotidienne » déclarait Jean Delumeau au début de la conclusion de son ouvrage L'alun de Rome, paru en 1962. C'est qu'une fois identifiée la place centrale de cette substance pour l'industrie textile, et dans une moindre mesure pour la mégisserie, voire la métallurgie, il était relativement aisé, grâce à une abondante documentation archivistique, d'en retracer les fluctuations économiques et politiques durant les périodes médiévales et modernes.

2. Record Nr.	UNINA9910767562503321
Titolo	Automated Reasoning : Third International Joint Conference, IJCAR 2006, Seattle, WA, USA, August 17-20, 2006, Proceedings // edited by Ulrich Furbach, Natarajan Shankar
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
ISBN	3-540-37188-5
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (XVI, 688 p.)
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 4130
Altri autori (Persone)	FurbachUlrich ShankarN (Natarajan)
Disciplina	006.3
Soggetti	Artificial intelligence Machine theory Computer science Software engineering Artificial Intelligence Formal Languages and Automata Theory Computer Science Logic and Foundations of Programming Software Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Talks -- Mathematical Theory Exploration -- Searching While Keeping a Trace: The Evolution from Satisfiability to Knowledge Compilation -- Representing and Reasoning with Operational Semantics -- Session 1. Proofs -- Flyspeck I: Tame Graphs -- Automatic Construction and Verification of Isotopy Invariants -- Pitfalls of a Full Floating-Point Proof: Example on the Formal Proof of the Veltkamp/Dekker Algorithms -- Using the TPTP Language for Writing Derivations and Finite Interpretations -- Session 2. Search -- Stratified Context Unification Is NP-Complete -- A Logical Characterization of Forward and Backward Chaining in the Inverse Method -- Connection Tableaux with Lazy Paramodulation -- Blocking and Other Enhancements for Bottom-Up Model Generation Methods -- Session 3. System Description 1 -- The MathServe System for Semantic Web

Reasoning Services -- System Description: GCLCprover + GeoThms --
A Sufficient Completeness Checker for Linear Order-Sorted
Specifications Modulo Axioms -- Extending the TPTP Language to
Higher-Order Logic with Automated Parser Generation -- Session 4.
Higher-Order Logic -- Extracting Programs from Constructive HOL
Proofs Via IZF Set-Theoretic Semantics -- Towards Self-verification of
HOL Light -- An Interpretation of Isabelle/HOL in HOL Light --
Combining Type Theory and Untyped Set Theory -- Session 5. Proof
Theory -- Cut-Simulation in Impredicative Logics -- Interpolation in
Local Theory Extensions -- Canonical Gentzen-Type Calculi with (n,k)-
ary Quantifiers -- Dynamic Logic with Non-rigid Functions -- Session
6. System Description 2 -- AProVE 1.2: Automatic Termination Proofs
in the Dependency Pair Framework -- CEL — A Polynomial-Time
Reasoner for Life Science Ontologies -- FaCT++ Description Logic
Reasoner: System Description -- Importing HOL into Isabelle/HOL --
Session 7. Search -- Geometric Resolution: A Proof Procedure Based on
Finite Model Search -- A Powerful Technique to Eliminate Isomorphism
in Finite Model Search -- Automation of Recursive Path Ordering for
Infinite Labelled Rewrite Systems -- Session 8. Proof Theory -- Strong
Cut-Elimination Systems for Hudelmaier's Depth-Bounded Sequent
Calculus for Implicational Logic -- Eliminating Redundancy in Higher-
Order Unification: A Lightweight Approach -- First-Order Logic with
Dependent Types -- Session 9. Proof Checking -- Automating Proofs in
Category Theory -- Formal Global Optimisation with Taylor Models --
A Purely Functional Library for Modular Arithmetic and Its Application
to Certifying Large Prime Numbers -- Proving Formally the
Implementation of an Efficient gcd Algorithm for Polynomials --
Session 10. Combination -- A SAT-Based Decision Procedure for the
Subclass of Unrollable List Formulas in ACL2 (SULFA) -- Solving Sparse
Linear Constraints -- Inferring Network Invariants Automatically -- A
Recursion Combinator for Nominal Datatypes Implemented in
Isabelle/HOL -- Session 11. Decision Procedures -- Decidability and
Undecidability Results for Nelson-Oppen and Rewrite-Based Decision
Procedures -- Verifying Mixed Real-Integer Quantifier Elimination --
Presburger Modal Logic Is PSPACE-Complete -- Tree Automata with
Equality Constraints Modulo Equational Theories -- Session 12. CASC-
J3 -- CASC-J3 The 3rd IJCAR ATP System Competition -- Session 13.
Rewriting -- Matrix Interpretations for Proving Termination of Term
Rewriting -- Partial Recursive Functions in Higher-Order Logic -- On
the Strength of Proof-Irrelevant Type Theories -- Consistency and
Completeness of Rewriting in the Calculus of Constructions -- Session
14. Description Logic -- Specifying and Reasoning About
Dynamic Access-Control Policies -- On Keys and Functional
Dependencies as First-Class Citizens in Description Logics -- A
Resolution-Based Decision Procedure for .

Sommario/riassunto

This book constitutes the refereed proceedings of the Third International Joint Conference on Automated Reasoning, IJCAR 2006, held in Seattle, WA, USA in August 2006 as part of the 4th Federated Logic Conference, FLoC 2006. IJCAR 2006 is a merger of CADE, FroCoS, FTP, TABLEAUX, and TPHOLs. The 41 revised full research papers and 8 revised system descriptions presented together with 3 invited papers and a summary of a systems competition were carefully reviewed and selected from a total of 152 submissions. The papers address the entire spectrum of research in automated reasoning including formalization of mathematics, proof theory, proof search, description logics, interactive proof checking, higher-order logic, combination methods, satisfiability procedures, and rewriting. The papers are organized in topical sections on proofs, search, higher-order logic,

proof theory, search, proof checking, combination, decision
procedures, CASC-J3, rewriting, and description logic.
