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Nota di contenuto	Twenty-Five Years of Logic Programming in Italy -- Logic Programming in Italy: A Historical Perspective -- Theoretical Foundations and Semantics of Logic Programming -- Theory-Specific Automated Reasoning -- Constraint Logic Programming -- Knowledge Representation and Non-monotonic Reasoning -- The Transformational Approach to Program Development -- Static Analysis, Abstract Interpretation and Verification in (Constraint Logic) Programming -- Answer Set Programming -- Logic Programming Languages for Databases and the Web -- Agents, Multi-Agent Systems and Declarative Programming: What, When, Where, Why, Who, How? -- Concurrent and Reactive Constraint Programming -- Proof-Theoretic and Higher-Order Extensions of Logic Programming -- Transformation and Debugging of Functional Logic Programs -- 25 Years of Applications of Logic Programming in Italy.
Sommario/riassunto	This book celebrates the 25th anniversary of GULP—the Italian Association for Logic Programming. Authored by Italian researchers at the leading edge of their fields, it presents an up-to-date survey of a broad collection of topics in logic programming, making it a useful reference

for both researchers and students. During its 25-year existence, GULP has organised a wide range of national and international activities, including both conferences and summer schools. It has been especially active in supporting and encouraging young researchers, by providing scholarships for GULP events and awarding distinguished disser- tions. We in the international logic programming community look upon GULP with a combination of envy, admiration and gratitude. We are pleased to attend its conferences and summer schools, where we can learn about scientific advances, catch up with old friends and meet young students. It is an honour for me to acknowledge our appreciation to GULP for its outstanding contributions to our field and to express our best wishes for its continuing prosperity in the future. March 2010 Robert Kowalski Imperial College London Preface On June 18, 1985, a group of pioneering researchers, including representatives from industry, national research labs, and academia, attended the constituent assembly of the Group of researchers and Users of Logic Programming (GULP) association. That was the starting point of a long adventure in science, that we are still experiencing 25 years later. This volume celebrates this important event.
