

Preface

Joaquín Arias

CETINIA, Universidad Rey Juan Carlos, Spain

Abstract

This volume collects the papers accepted for publication at four workshops associated with the 40th International Conference on Logic Programming (ICLP 2024). The events took place in Dallas, USA, on October 12th and 13th, 2024. Overall, there were 38 papers submitted for peer-review. Out of these, 32 were accepted and 26 are included in this volume, 16 as regular papers and 10 as short papers. Some details of the associated workshops are given next.

1. Answer Set Programming and Other Computing Paradigms

17th Workshop on Answer Set Programming and Other Computing Paradigms (ASPOCP 2024)

Chairs

- **Francesco Pacenza**, University of Calabria, Italy
- **Zeynep G. Saribatur**, Institute of Logic and Computation, TU Wien, Austria

Program Committee

- **Mario Alviano**, University of Calabria, Italy
- **Marcello Balduccini**, Saint Joseph's University, USA
- **Pedro Cabalar**, University of Corunna, Spain
- **Francesco Cauteruccio**, University of Salerno, Italy
- **Stefania Costantini**, University of L'Aquila, Italy
- **Carmine Dodaro**, University of Calabria, Italy
- **Stefan Ellmauthaler**, TU Dresden, Germany
- **Esra Erdem**, Sabanci University, Turkey
- **Wolfgang Faber**, University of Klagenfurt, Austria
- **Cristina Feier**
- **Johannes K. Fichte**, Linköping University, Sweden
- **Martin Gebser**, University of Klagenfurt, Austria
- **Tobias Geibinger**, TU Wien, Austria
- **Markus Hecher**, Massachusetts Institute of Technology, USA
- **Giovambattista Ianni**, University of Calabria, Italy
- **Daniela Inclezan**, Miami University, USA
- **Tomi Janhunnen**, Tampere University, Finland
- **Vladimir Lifschitz**, The University of Texas at Austin, USA
- **Marco Maratea**, University of Calabria, Italy
- **Tran Cao Son**, New Mexico State University, USA
- **Alice Tarzariol**, University of Klagenfurt, Austria
- **Johannes P. Wallner**, TU Graz, Austria
- **Stefan Woltran**, TU Wien, Austria
- **Jia-Huai You**, University of Alberta, Canada
- **Jessica Zangari**, University of Calabria, Italy

ICLP Workshops 2024: Workshops Co-located with the 40th International Conference on Logic Programming (ICLP 2024), October 12-13, 2024, Dallas, USA.



© 2024 Copyright for this paper by its authors. Use permitted under Creative Commons License Attribution 4.0 International (CC BY 4.0).

2. Goal-directed Execution of Answer Set Programs

4th Workshop on Goal-directed Execution of Answer Set Programs (GDE 2022)

Chairs

- **Kinjal Basu**, IBM Research, USA.
- **Sarat Chandra Varanasi**, GE Research, USA.

Program Committee

- **Gopal Gupta**, The University of Texas at Dallas, USA.
- **Joaquín Arias**, Universidad Rey Juan Carlos, Spain.
- **Elmer Salazar**, The University of Texas at Dallas, USA.
- **Agostino Dovier**, Università degli Studi di Udine, Italy
- **Jan Wielemaker**, Vrije Universiteit Amsterdam, Holland
- **Esra Erdem**, Sabanci University, Turkey.
- **Daniela Inclezan**, Miami University, USA.
- **Jose Morales**, IMDEA Software Institute, Spain.
- **Manuel Carro**, Universidad Politecnica de Madrid, Spain

3. Prolog Education Workshop

Second Prolog Education Workshop (PEG 2024)

Chair

- **Verónica Dahl**, Simon Fraser University, Canada

Workshop Coordinators

- **Jacinto Dávila**, Universidad de Los Andes, Venezuela
- **Włodek Drabent**, Institute of Computer Science, Polish Academy of Sciences
- **Manuel Hermenegildo**, T.U. Madrid (UPM) and IMDEA Software Institute, Spain
- **Christian Jendreiko**, HSD University of Applied Sciences, Düsseldorf, Germany
- **Bob Kowalski**, Imperial College London, UK
- **José F. Morales**, T.U. Madrid (UPM) and IMDEA Software Institute, Spain
- **David S. Warren**, Stony Brook University, USA

Program Committee

- **Salvador Abreu**, Universidade de Evora, Portugal
- **Laura Cecchi**, Universidad Nacional del Comahue, Argentina
- **Stefania Costantini**, Università degli Studi dell'Aquila, Italy
- **Jacinto Dávila**, Universidad de Los Andes, Venezuela
- **Włodek Drabent**, Institute of Computer Science, Polish Academy of Sciences
- **Michael Genesereth**, Stanford University, USA
- **Gopal Gupta**, University of Texas at Dallas
- **Manuel Hermenegildo**, T.U. Madrid (UPM) and IMDEA Software Institute, Spain
- **Christian Jendreiko**, HSD University of Applied Sciences, Düsseldorf, Germany
- **Bob Kowalski**, Imperial College London, UK

- **Viviana Mascardi**, Università di Genova, Italy
- **José F. Morales**, T.U. Madrid (UPM) and IMDEA Software Institute, Spain
- **Veneta Tabakova-Komsalova**, Plovdiv University, Bulgaria
- **Paul Tarau**, University of North Texas, USA
- **David S. Warren**, Stony Brook University, USA
- **Jan Wielemaker**, Vrije Universiteit Amsterdam, the Netherlands
- **Yuanlin Zhang**, Texas Tech University, USA

4. Probabilistic Logic Programming

11th Workshop on Probabilistic Logic Programming (PLP 2024)

Chairs

- **Damiano Azzolini**, University of Ferrara
- **Markus Hecher**, Massachusetts Institute of Technology

Program Committee

- **Alexander Artikis**, University of Piraeus, Greece
- **Elena Bellodi**, University of Ferrara, Italy
- **Roberta Calegari**, Università di Bologna, Italy
- **Fabio Gagliardi Cozman**, Universidade de São Paulo, Brazil
- **James Cussens**, University of Bristol, UK
- **Rafael Kiesel**, TU Wien, Austria
- **Sagar Malhotra**, TU Wien, Austria
- **Denis Deratani Mauá**, Universidade de São Paulo, Brazil
- **Matthias Nickles**, University Galway, Ireland
- **Fabrizio Riguzzi**, University of Ferrara, Italy
- **Kilian Rückschloß**, LMU Munich, Germany
- **Theresa Swift**, Stony Brooke University, USA
- **Joost Vennekens**, KU Leuven, Belgium
- **Riccardo Zese**, University of Ferrara, Italy