

# **EKAW-C 2022**

Companion Proceedings of the  
23rd International Conference on Knowledge  
Engineering and Knowledge Management

Bozen-Bolzano, Italy, September 26–29, 2022

Edited by

Danai Symeonidou | Ran Yu | Davide Ceolin  
María Poveda-Villalón | Davide Audrito | Luigi Di Caro  
Francesca Grasso | Roberto Nai | Emilio Sulis  
Fajar J. Ekaputra | Oliver Kutz | Nicolas Troquard

# PREFACE

The International Conference on Knowledge Engineering and Knowledge Management (EKAW) has established itself as a forum for theoretical, methodological, experimental, and application-oriented aspects of knowledge engineering and knowledge management since its inception in 1987. It hosts scientific presentations about the latest advances on the construction of knowledge-intensive systems and services for the semantic web, knowledge management, e-business, natural language processing, and intelligent information integration. This edition of EKAW was held in Bozen-Bolzano, Italy, from the 26th until the 29th of September, 2022.

This companion volume contains proceedings of the Poster and Demo papers, The Knowledge Management for Law (KM4LAW) Workshop, as well as the Tutorial "TermTrends: Trends in Terminology Generation and Modelling". Along with the main track containing Research and Position papers, these proceedings show an excerpt of the current research in the field of knowledge engineering and knowledge management. In sum, this companion proceedings in CEUR-WS.org Vol-3256 includes eleven peer-reviewed papers as well as one invited paper from the tutorial session.

We are grateful to the members of the Organizing Committee who helped us in the organization of the conference, to the workshop organizers, to the tutorials speakers, to all the members of the program committees, to the sponsors of the conference, the Free University of Bozen-Bolzano, and Universidad Politécnica de Madrid, the Artificial Intelligence Journal, and to the local organization that have made possible the organization of EKAW 2022.

September 2022

Danai Symeonidou  
Ran Yu  
Davide Ceolin  
María Poveda  
Davide Audrito  
Luigi Di Caro  
Francesca Grasso  
Roberto Nai  
Emilio Sulis  
Fajar J. Ekaputra  
Oliver Kutz  
Nicolas Troquard

# Organization

## General Chairs

Oliver Kutz                      Free University of Bozen-Bolzano, Italy  
Nicolas Troquard              Free University of Bozen-Bolzano, Italy

## Workshops and Tutorials Chairs

Davide Ceolin                      Centrum Wiskunde & Informatica, Amsterdam, The Netherlands  
María Poveda-Villálon          Universidad Politécnica de Madrid, Spain

## Posters and Demos Chairs

Danai Symeonidou              INRAE, Montpellier, France  
Ran Yu                              University of Bonn, Germany

## Proceedings Chair

Fajar J. Ekaputra                TU Wien, Vienna, Austria

## KM4LAW Workshop Organizers

Davide Aurito                      Legal Studies Department, University of Bologna, Italy  
Luigi Di Caro                      University of Turin, Italy  
Francesca Grasso                University of Turin, Italy  
Roberto Nai                        University of Turin, Italy  
Emilio Sulis                        University of Turin, Italy

## Posters and Demos - Program Committee

Alishiba Dsouza                University of Bonn, Germany  
Catherine Roussey              INRAE, France  
Gong Cheng                      Nanjing University, China  
Luis Galarraga                  INRIA, Rennes, France  
Nathalie Pernelle                LIPN, Université Sorbonne Paris Nord, France  
Nicolas Tempelmeier          Volkswagen, Germany  
Sefan Dietze                      Heinrich Heine University Dusseldorf, Germany  
Simon Gottschalk                L3S Research Center, Leibniz University Hannover, Germany

## KM4LAW Workshop - Program Committee

Kolawole Adebayo              Dublin City University, Ireland / ADAPT Centre, Ireland  
Valerio Basile                    University of Turin, Italy  
Guido Boella                      University of Turin, Italy  
Beatriz Esteves                Universidad Politécnica de Madrid, Spain  
Alfio Ferrara                      University of Milan, Italy  
Stefano Montanelli              University of Milan, Italy  
Rohan Nanda                      University of Maastricht, Netherlands  
María Navas Loro                Universidad Politécnica de Madrid, Spain  
Monica Palmirani                University of Bologna, Italy  
Harshvardhan J. Pandit        Trinity College, Dublin  
Livio Robaldo                    Swansea University, Wales  
V́ctor Rodríguez-Doncel      Universidad Politécnica de Madrid, Spain  
Salvatore Sapienza              University of Bologna, Italy  
Galileo Sartor                    University of Bologna, Italy  
Giovanni Siragusa                University of Turin, Italy  
Andrea Tagarelli                University of Calabria, Italy