

Preface

Datalog 2.0 is a workshop for Datalog researchers, implementors, and users. Its aim is to bring together researchers and practitioners interested in different aspects of Datalog to share research experiences, promote collaboration, and identify directions for joint future research.

The workshop welcomed foundational and applied research on Datalog. Its topics included data management and mining, neurosymbolic combinations of Datalog and machine learning, knowledge representation and reasoning, cloud and distributed computing, logic programming, privacy and security, probabilistic reasoning, program analysis and programming languages, the Semantic Web, social networks, streaming, and verification.

The 6th International Workshop on the Resurgence of Datalog in Academia and Industry (Datalog 2.0 2026) was held in Klagenfurt, Austria, on September 7, 2026. Datalog 2.0 2026 was hosted by the 18th International Conference on Logic Programming and Non-monotonic Reasoning (LPNMR 2026).

The first edition of Datalog 2.0 was held in Oxford, UK, in 2010, and it was by invitation only. Since Datalog has re-emerged as a lively topic with applications in many different areas of computer science and industry, the second edition, held in Vienna, Austria, in 2012, was open for submissions, as were the editions that followed. The third edition was held in Philadelphia, PA, USA, in 2019; the fourth in Genova-Nervi, Italy, in 2022; and the fifth in Dallas, Texas, USA, in 2024.

This edition of the workshop was also open for submissions. Following deadline extensions, paper registration closed on July 4, 2026, submissions closed on July 8, authors were notified on August 3, and final versions were due on August 17, 2026. All deadlines were Anywhere on Earth.

In total, the workshop received 16 submissions. Each submission was reviewed by at least 2 program committee members. Acceptance was based solely on scientific quality and relevance, including technical merit and the potential to stimulate discussion at the workshop. The committee accepted 11 papers for presentation and inclusion in the proceedings. The program also included the invited talk “Growing Datalog” by Wim Martens.

We acknowledge the Microsoft CMT service, which was used to manage the peer-review process and was provided free of charge by Microsoft. We thank all authors who contributed to the workshop and the Program Committee members for their effort in producing timely and thoughtful reviews.

September 7, 2026

Marco Calautti (corresponding editor)

marco.calautti@unimi.it

Matthias Lanzinger

Organization

Program Chairs

Marco Calautti	University of Milan, Italy
Matthias Lanzinger	TU Wien, Austria

Program Committee Members

Amélie Gheerbrant	Université de Paris, IRIF
Andreas Pieris	University of Edinburgh, UK & University of Cyprus, Cyprus
Bart Bogaerts	KU Leuven, Belgium
Cristian Molinaro	University of Calabria, Italy
Cristina Feier	Technical University of Cluj-Napoca, Romania
Emanuel Sallinger	TU Wien, Austria
Esra Erdem	Sabanci University, Turkey
Ester Livshits	Technion, Israel
Leopoldo Bertossi	Carleton University, Canada
Marco Console	Sapienza University of Rome, Italy
Marco Manna	University of Calabria, Italy
Markus Krötzsch	TU Dresden, Germany
Michael Morak	University of Klagenfurt, Austria
Paraschos Koutris	University of Wisconsin–Madison, USA
Przemysław Wałęga	Queen Mary University of London, UK
Reinhard Pichler	TU Wien, Austria
Roman Kontchakov	Birkbeck, University of London, UK
Tran Son	New Mexico State University, USA
Yanhong A. Liu	Stony Brook University, USA