

Preface to the 2nd International Workshop on Symbolic and Generative AI for Science (SymGenAI4Sci 2026)

Sanju Tiwari^{1,2}, Jennifer D’Souza², Daniel Dobriy³, Sören Auer^{2,4} and Naveen Lamba¹

¹Sharda University, Delhi-NCR, India

²TIB Leibniz Information Centre for Science and Technology, Germany

³Vienna University of Economics and Business, Vienna, Austria

⁴Leibniz University of Hannover, Germany

¹Sharda University, Delhi-NCR, India

SymGenAI4Sci is the Second International Workshop on Symbolic and Generative AI for Science co-located with Semantics-2026. The primary aim of this workshop is to bring together researchers, practitioners, and domain experts from diverse fields to explore the opportunities and challenges of applying Generative AI in scientific discovery, fostering discussions to advance state-of-the-art methods for hypothesis generation, data interpretation, and knowledge synthesis across disciplines. The organizing team is thankful to everyone involved in making the SymGenAI4Sci workshop 2026 a success. First, our thanks go to all the organizers of the main events and Program Committee members for ensuring a rigorous review process that led to an excellent scientific program and an average of three reviews per article. SymGenAI4Sci team is also thankful to keynote speaker Angelo Salatino for their valuable contributions.

SymGenAI4Sci 2026 workshop has received 8 papers and accepted 4 papers after a rigorous reviewing process, 2 regular papers and 2 short papers. Each paper was reviewed by three reviewers with different backgrounds. The following papers were accepted for final publication and presented at the workshop:

- MAWCS: A Multi-Agent Workflow Scheduling Framework for Heterogeneous Models and Cloud Resources
- LLM-Assisted Ontology Design for Restaurant Menu Data: a case study
- KnowTD Interface: An Interactive Neuro-Symbolic Workflow for Thermodynamics Problem Solving
- Layer-Wise Localization and Classification of Hallucinations in Large Language Models

Keynote Angelo Salatino

Talk Title "Sprinkling Semantics and AI into Metascience"

2nd International Workshop on Symbolic and Generative AI for Science (SymGenAI4Sci), co-located with SEMANTiCS 2026: 22nd International Conference on Semantic Systems, September 15, 2026, Ghent, Belgium

✉ tiwarisanju18@ieee.org (S. Tiwari); Jennifer.DSouza@tib.eu (J. D’Souza); arrobadobriy.org (D. Dobriy); auer@tib.eu (S. Auer); naveenlamba30894@gmail.com (N. Lamba)



© 2026 Copyright for this paper by its authors. Use permitted under Creative Commons License Attribution 4.0 International (CC BY 4.0).

 CEUR Workshop Proceedings (CEUR-WS.org)

Organizing Committee

- Sanju Tiwari, Sharda University, Delhi-NCR, India & TIB Hannover, Germany
- Jennifer D'Souza, TIB Leibniz Information Centre for Science and Technology, Germany
- Daniil Dobriy, Vienna University of Economics and Business, Vienna, Austria
- Sören Auer, Leibniz University of Hannover & TIB, Germany
- Naveen Lamba, Sharda University, Delhi-NCR, India

Program Committee

- Amna Dridi, Birmingham City University, UK
- Angelo Antonio Salatino The Open University, UK
- Azanzi Jiomkong, Université of Yaoundé, Cameroon
- Daniil Dobriy, Vienna University of Economics and Business, Vienna, Austria
- Davide Buscaldi, LIPN, Université Paris 13, France
- Disha Purohit, TIB-Leibniz Information Centre for Science and Technology, Hannover, Germany
- Fatma Chamekh, French National Survey, France
- Fernando Ortiz Rodriguez, Universidad Autonoma de Tamaulipas, Mexico
- Frederik Bauer, WU Vienna, Austria, Dobriy AI GmbH
- Hamed Babaei Giglou, TIB Leibniz Information Centre for Science and Technology, Germany
- Jennifer D'Souza, TIB Leibniz Information Centre for Science and Technology University Library, Hannover, Germany
- Miguel Vázquez, WU Vienna
- Meriem DEZZAR, University of Khenchela, Algeria
- Naveen Lamba, Sharda University, Delhi-NCR, India
- Patience Usoro Usip, University of Uyo, Nigeria
- Sanju Tiwari, Sharda University, Delhi-NCR, India & TIB Hannover, Germany
- Tanay Aggarwal, KMi, The Open University, UK

Acknowledgements The editors wholeheartedly thank the supporting keynote speakers, advisory team, authors, program committee, and all organizers for their constant support in making this event a success. Special thanks to Prof. Sören Auer for his invaluable support in initiating this workshop.