

THE 10TH INTERNATIONAL CONFERENCE ON

Computer Science and Artificial Intelligence (CSAI 2026)

December 18–21, 2026 | Beijing, China | www.csai.org

CALL FOR PAPERS — TECHNICAL TRACK 3
Digital Humanities and Modeling of Complex Subject Areas
Submission Deadline: November 15, 2026
<https://csai.org/track3.html>

ABOUT THIS TRACK

Many fields deal with highly interconnected, complex data that cannot be fully described by simple flat or tabular models. Neural networks and large language models (LLMs) are powerful tools for processing such data, but they can produce hallucinations and are hard to interpret, limiting their reliability as stand-alone models of complex domains. This track brings together researchers who combine neural approaches with formal structural models — such as complex graph models (hypergraphs, hypernetworks, metagraphs) — to build more reliable and interpretable models of complex subject areas. Contributions are welcome in any complex subject area, including digital humanities (e.g., media discourse analysis) as well as natural sciences (e.g., biological and medical applications).

TOPICS OF INTEREST

- Modeling of complex subject areas using complex graph approaches (hypergraphs, hypernetworks, metagraphs)
- Application of neural networks and large language models (LLMs) for modeling complex subject areas
- Hybrid neuro-symbolic approaches combining LLMs with formal graph-based structures
- Limitations of neural methods (hallucinations, interpretability, verifiability) in complex domain modeling
- Formal and computational models of text and media discourse
- Knowledge graphs and ontologies for complex subject areas
- Computational and graph-based modeling in biology and medicine
- Digital methods and information systems for humanities, cultural, and historical data
- Multimodal data modeling (text, image, video, biomedical data) using neural networks and complex graphs

TRACK CHAIRS

CHAIR

Prof. Yuriy Gapanyuk

Bauman Moscow State Technical University, Russia

CO-CHAIR

Prof. Irina Karabulatova

Heilongjiang University, China; Moscow State University, Russia

PUBLICATION

PROCEEDINGS & INDEXING

- Accepted papers will be published in the **conference proceedings**, which will be submitted to **EI Compendex & Scopus**.
- Proceedings of the first nine CSAI conferences (2017–2025) are all included in the **ACM Digital Library** and successfully indexed by **Ei Compendex** and **Scopus**.

SUBMISSION

SUBMISSION GUIDELINES

- Both **full papers** (publication + presentation) and **abstracts** (200–500 words, presentation only) are welcome.
- Full papers should follow the conference template (Word or LaTeX, one column), **at least 6 full pages**; extra-page charges apply beyond 8 pages.
- Review is **double-blind**; an accepted paper must be presented by a registered author — **No show, no publication**.

SUBMIT VIA EASYCHAIR

<https://easychair.org/conferences/?conf=csai2026>
choose track 3, please

CONTACT

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