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ICCAD'26

CALL FOR PAPERS
SPECIAL SESSION ON
Next-Generation LLMs for Data-Driven Intelligence
for ICCAD 2026
July 7-9, 2026, Lisbon, Portugal

Session Co-Chairs:
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Session description:
The Special Session on "Next-Generation LLMs for Data-Driven Intelligence" is dedicated to exploring the frontier of large language models that go beyond text generation to become core engines for synthetic reasoning, prediction, and strategic insight. This session focuses on the architectural innovations, training paradigms, and integrative approaches that empower LLMs to not only process vast datasets but to actively generate actionable, data-driven intelligence. We aim to catalyze a discussion on how these advanced models can transform raw data into a strategic asset for decision-making across scientific, industrial, and social domains.

We seek contributions that address the leap from foundational models to intelligent systems capable of complex analysis, causal reasoning, and autonomous problem-solving. Topics of interest include the fusion of LLMs with symbolic AI, advanced agent frameworks, multimodal reasoning, and the ethical frameworks required for deploying autonomous intelligent systems. This session will serve as a gathering point for researchers pioneering the future of AI, where language models are the key to unlocking deeper, more predictive, and more reliable intelligence from the world's data.

Topics of interest for this Special session include but are not limited to the following:

- Large Language Models (LLMs)
- Data Analytics
- Sentiment Analysis
- Architectures for Reasoning and Planning
- Natural Language Processing (NLP)
- Text Classification
- Information Retrieval
- Conversational Agents

SUBMISSION
Papers must be submitted electronically for peer review by: **January 31, 2026**
https://www.iccad-conf.com/submission/

All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format).