

Special Session on
Implications of Large Language models in Business Applications
in conjunction with
15th International Conference on Soft Computing and Pattern Recognition (SoCPaR'23)

December 13-15, 2023

Website: <http://www.mirlabs.org/socpar23>

Hybrid Mode – Online & Offline

Onsite Venues: <http://mirlabs.org/socpar23/venue2.php>

Objectives and Scope

Large Language Models (LLMs) have the potential to significantly impact the business landscape. These models have been trained on vast amounts of labelled data, enabling them to accurately identify and classify sentiments expressed in text. These models use deep learning techniques, especially transformer architectures, to produce coherent and contextually appropriate text based on their input. Large language models can comprehend natural language, translate and complete texts and even hold conversations. They are versatile and allow businesses to gain valuable insights into customer opinions, brand perception and public sentiments. By leveraging the power of LLMs and generative AI, businesses can automate tasks, improve decision-making and uncover valuable insights that lead to greater efficiency and competitive advantages.

Subtopics

This special session invites eminent papers focusing on implementation of the LLM models like BERT, GPT-3, GPT-4, Bard AI, Notion AI, PaLM etc in performing following operations but not limited to

- Business analytics
- Customer Segmentation
- Customer Satisfaction
- Content creation and translation
- Human resource Management
- Finance and accounting
- Compliance and Software development
- Healthcare and food processing
- Agriculture
- Education and Online learning

- Logistics
- Banking
- Retail Services etc

Paper publications

- Proceedings will be published in Lecture Notes in Networks and Systems, Springer (<https://www.springer.com/series/15179>)
- Indexed by SCOPUS, INSPEC, WTI Frankfurt eG, zbMATH, SCImago
- Papers maximum length is 10 pages
- Papers must be formatted according to Springer format (Latex/word) available at: <https://www.springer.com/de/authors-editors/book-authors-editors/manuscript-preparation/5636#c3324>
- Submission Link: <https://cmt3.research.microsoft.com/SOCPAR2023>

Important Dates

Paper submission due: **September 30, 2023**

Notification of paper acceptance: **October 31, 2023**

Registration and Final manuscript due: **November 10, 2023**

Conference Date: **December 13-15, 2023**

Special Session Chairs

1. **Dr. R. Devi Priya**, KPR Institute of Engineering and Technology, Coimbatore, India
2. **Dr. S. Albert Alexander**, Vellore Institute of Technology, Vellore, India
3. **Dr. Geno Peter**, School of Engineering and Technology, University of Technology Sarawak, Malaysia

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