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ABC (AI-Big Data Convergence) Forum

Monday, 4 December 2023 at 13:30 - 17:00 WITA
Udayana University - Campus Sudirman, Denpasar Bali

TUTORIAL

Demystifying Large Language Models and Generative Pretrained Transformer

Prof. Won Kim
AI Vice President, Gachon University, Korea

Tutorial topics:
- Introduction to LLM
- LLM training and inference
- GPT performance
- Input text tokenization
- Input token embedding and position encoding
- Attention concept
- Transformer architecture
- How Attention works
- Evolution of the GPT models
- Opportunities and issues of the LLMs

PANEL DISCUSSION

The Future of LLMs

This panel will discuss the future of LLMs, including the following topics:

- New and emerging applications of LLMs. How will LLMs be used in the future? What new possibilities will they open up?
- The challenges of developing and deploying LLMs. LLMs are complex and computationally expensive to train and deploy. What are the challenges that need to be overcome in order to make LLMs more accessible and affordable?
- The ethical and social implications of LLMs. LLMs have the potential to be used for good or for bad. What are the ethical and social implications of this technology? How can we ensure that LLMs are used responsibly?

Moderator

Stéphane Bressan, National University of Singapore, Singapore

Panelists

- **Ngurah Agus Sanjaya ER**, Udayana University, Indonesia
- **Gabriele Kotsis**, Johannes Kepler University Linz, Austria
- **A Min Tjoa**, Technical University Vienna, Austria
- **Dirk Draheim**, Tallinn University of Technology, Estonia

>>. FREE ADMISSION. <<

Limited seats I Coffee break is provided

Online registration:
https://forms.gle/5dRaRh2PiE5vKMuE7

Further information contact: hesti@iiwas.org

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This 3rd ABC Forum is brought by ASEA-UNINET and Web Applications Society (@WAS) in conjunction with iiWAS 2023 and MoMM 2023 Conferences