



## INDUSTRY INSIGHTS SERIES

# Conversational AI: Unveiling the Magic Behind Pre-trained Large Language Models in Digital Assistants

## Abstract

Large Language Models have become ubiquitous in the e-commerce industry. In this technical sharing session, Dr. Meng Chen will deliver a comprehensive introduction to the recent advancements in dialogue system research and its industrial applications. He will share his latest research on dialogue pre-training and practical experiences with industrial-grade dialogue systems. Participants will gain insights into the opportunities and challenges encountered by dialogue systems in the development of large language models.

## Biography

Meng Chen, an accomplished professional in artificial intelligence, serves as the AI Director at JD.COM and a Research Scientist at Nuance Communications. He is known for leveraging cutting-edge AI to solve real-world issues, notably contributing to the creation of successful conversational AI products. These products have amassed over 500 million users and are used by more than 100 enterprises. Chen's impactful work has garnered prestigious accolades, including the Wuwenjun AI Science and Technology Progress Award in 2023 and the Best Demo Award at ACM Multimedia in 2021. His unwavering dedication propels his ongoing research and development in the AI domain.



**Speaker:**  
Meng Chen, AI Director of  
JD.COM, Research Scientist at  
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**Introduction by:**  
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