Session S3	Accelerating SDGs with AI: The Role of Large Models and AI Agents
Time: 13:30-17:00, 7th September	**Room: 305E**
Co-Chairs	LI Jianhui, International Research Center of Big Data for Sustainable Development Goals (CBAS), China; Nanjing University, China
	Francis P. Crawley, CODATA International Data Policy Committee (IDPC)

Presentations（20min+5minQ&A for each speaker）

Large Multimodal Models: Research Advances and Applications
Caifeng Shan, Nanjing University

Artificial Intelligence and Multimodal Remote Sensing for Urban Monitoring
Hongshen Zhang（Hongkong University）

AI for genomic solidarity: embedding large language models and data visitation agents into advancing precision health for the SDGs
Francis P. Crawley (CODATA International Data Policy Committee)

Generative Multi-agents based on LLMs
Chao WU（Zhejiang University）

SDGs Deep Research Agent
Changhua Pei（CNIC,CAS）

Domain Agent Training : Challenges and Solutions
Jingyang Gao（Alibaba Qwen）

European coordinated efforts for access and analysis of environmental data: the ENVRI-Hub NEXT approach
Tiziana Ferrari (EGI Foundation)

Exploring a New Paradigm for an AI-Native SDG Big Data Intelligent Analysis Platform
Jie Liu (Institute of Software, CAS)

A system-dynamic-intelligent governance framework for future sustainable development
Jianbin Su (Nanjing Normal University)

Introduction and Demonstration of agentic AI system for SDG
Jianhui LI（CBAS，Nanjing University）