

Development and Application of Digital Twin Technology In Water Resources Management

Session Number: SS-5-2

Time: Sept 12, 11:00-12:30

Location: Room 14

Lead Organiser: Changjiang Institute of Survey, Planning, Design & Research Corporation (CISPDR Corporation)

Co-organiser: Beijing Baidu Netcom Science Technology Co., Ltd.

Danish Hydraulic Institute

Key Laboratory of Internet Intelligent Water Conservancy

Intelligent Yangtze River Innovation Team

Moderator: Yan HUANG, Vice-chief Engineer of Changjiang Water Resources Commission of the Ministry of Water Resources and Vice Chairman of the Hubei Provincial Committee of China Democratic League

Speakers	Title
TianTian Shen, Director of Baidu Smart Water Solution, Beijing Baidu Netcom Science Technology Co., Ltd.	Discussion on the Application of Large Models in the Construction of Water Conservancy Digital Twins
Anders Pettersson Liechti, Chief Technology Officer of Danish Hydraulic Institute	Application and Practice of Smart Water
Hangang Shi, General Manager of the Strategic Customer Department of China Telecom Hubei Branch	The Adventures of New Infrastructure and Digital Twin Watershed
Bin Sui, Chief Solution Engineer of Inspur Smart Water Department, Inspur Smart Technology Co., Ltd.	Digital Twin Songtao Reservoir Based on the "Forecast, Early warning, Disaster rehearsal, Contingency plan" Technical System
Tjitte Albert Nauta, Regional Manager Asia and the Pacific, Deltares	Digital Twins to Support Water Management
Yan Huang, Vice-chief Engineer of Changjiang Water Resources Commission of the Ministry of Water Resources and Vice Chairman of the Hubei Provincial Committee of China Democratic League	Digital Twin River & Smart Water - Changjiang Practices

