Session title: **Research Capacity Building on Key Technologies for Development of Global Partnerships and Collaboration on Multinational Scientific Data in China and Africa**

Session Organizer: **University of Kwazulu-Natal, Computer Network Information Center, Chinese Academy of Science**

Short Description

In alignment with the UNESCO Recommendations on Open Science and based on the characteristics and comparative advantages of China and Africa, the aim of this   panel discussion is to examine the issue of research capacity building on key technologies for development of global partnerships and collaboration on multinational scientific data for facilitating the implementation of the SDGs in China and African countries.

China and African countries

Objectives

In the contexts of African countries and China, this session would:

• Identify key technologies and collaborative services of multinational scientific data in Africa and China of relevance to the SDGs

• Examine issues related to data ethics, data inter-operation standards or specification for facilitating the implementation of SDGs

• Review research on key technologies such as semantic web, associated data, and privacy computing

• Identify basic scientific data needed to develop a demo platform for sharing scientific data in Africa and China

Expected Results

• Solutions on data ethics, data inter-operation standards and specification identified.

• Potential training or courses for postgraduate students on data science for facilitating the implementation of SDGs in China and Africa identified.

• Key issues related to data ethics, data inter-operation standards/specification for facilitating the implementation of SDGs in Africa and China identified.

Agenda

Time 17:00-18:30, September 6th 2023 Room: 201 B

Panel Discussion (Duration : 90 minutes)

Moderator:

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Professor

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Johannes John-Langba, PhD., MPH is Professor and Director of the College of Humanities Doctoral Academy at the University of KwaZulu-Natal in South Africa. Prof John-Langba also has extensive international development work experience, having worked for various multilateral and international non-profit organizations including the United Nations. He is the recipient of a number of international fellowships, scholarly awards, and recognition including the Dr Inabel Burns Lindsay Social Work Education Leadership Award from Howard University (United States) for outstanding leadership in social work education in Africa and was recently recognized in the 2023 Class of Global Top 100 Most Influential People of African Descent (MIPAD). Prof John-Langba is the current Africa Regional Vice President of the World Federation for Mental Health (WFMH) and Co-chair of the Data Ethics Working Group of the Committee on Data (CODATA) of the International Science Council. (ISC).

Participants:

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HU Lianglin is the Vice Director of Scientific Data Center of CNIC, the director of National Basic Science Data Center, the Secretary-General of CODATA China, the co-chair of CODATA Data Ethics Working Group, and also the secretary of CODATA GOSC Data interoperability working group. His work focus on the research and practice of scientific data governance, open sharing, and application.

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Prof. Ndangwa Noyoo is the Director of the Southern African Policy and Development Nexus (SAPDN). He holds a Doctor of Philosophy (Ph.D) from the University of the Witwatersrand, Master of Philosophy (MPhil) in Development Studies from the University of Cambridge and Bachelor of Social Work (BSW) from the University of Zambia. He was a postdoctoral fellow at the Fondation Maison des Sciences de l'Homme (FMSH) Paris, France (2005-2006).

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Professor GUAN Jian, M.D., is the Appointed Chairman of the Medical Science Research Management Branch of Chinese Medical Association(CMA). Currently，She is the deputy editor-in-chief of Chinese Journal of Medical Research Management, deputy chief editor of Chinese Medical Ethics, and editorial board member of Journal of Bio-X Research. One of her representative works is "Medical Science Data Sharing Application Governance Management" (in Chinese, the Science and Technology Literature Press. Beijing, Jan.2023).

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Eugene K.M. Darteh is a Professor of Social Dimensions of Sexual and Reproductive Health. His research focuses on Social Determinants of Sexual and Reproductive Health; Social and Behaviourial Change Communication; Sexual and Gender-Based Violence, and HIV/AIDS. Prof Darteh teaches post graduate and undergraduate courses. He has successfully graduated over 30 Master of Philosophy and 5 Doctor of Philosophy students. He has over sixty (60) peer reviewed journal articles in journals of international repute.