In an era of unprecedented data growth, international institutions face complex challenges in managing and disseminating scientific and technical information. This annual ICSTI conference explores the transformative impact of artificial intelligence (AI) on information management within international organizations, focusing on various AI models and their role in enhancing the discovery and analysis of information.

At the conference, distinguished speakers from institutions worldwide will share their insights, research, and best practices. Topics of discussion will include AI in document indexing, visualization, and publication.

If you have any trouble accessing the conference sessions please contact ICSTI's executive manager, Addie Cox (addie.cox@icsti.org).
ANNUAL CONFERENCE 2023
Advancing the Frontiers of Artificial Intelligence

PROGRAM

The conference is **FREE** to attend for both members and non-members. Non-members are invited to join ICSTI for the two workshop sessions. Members are invited to join both the workshops and the member-to-member session. The General Assembly Business Meeting is a closed meeting reserved for ICSTI member representatives and alternates.

Presenter and presentation topic details provided on the following pages.

**WORKSHOP 1**
9:00am UTC
(view in local time zone)

Workshop 1 will feature presentations around the conference theme from invited speakers as well as time for questions and discussion.

**Click here to register for the Zoom meeting** or use Meeting ID: 161 531 4983 and Passcode: 267357

**GENERAL ASSEMBLY BUSINESS MEETING**
11:15am UTC
(view in local time zone)

ICSTI member representatives will be briefed on ICSTI business before voting on various ICSTI matters. Due to sensitive agenda items, only representatives and alternates of full Class A and B ICSTI members may attend.

A separate invitation to register for this meeting was sent to all ICSTI member representatives and alternates. Please check your inbox for a registration confirmation email from Zoom. The Zoom confirmation email will be resent shortly before the business meeting begins.

**MEMBER-TO-MEMBER SESSION**
12:30pm UTC
(view in local time zone)

ICSTI members will share updates on recent and in-progress projects.

**WORKSHOP 2**
2:00pm UTC
(view in local time zone)

Workshop 2 will feature presentations around the conference theme from invited speakers as well as time for questions and discussion.

**Click here to register for the Zoom meeting** or use Meeting ID: 161 917 7700 and Passcode: 127367
In this presentation, Martina Levay delves into the transformative potential of AI in document management. Explore how cutting-edge technologies are revolutionizing document indexing and analysis. With information retrieval being more efficient than ever before, neural AI is reshaping the way we interact with and extract knowledge from repositories.

Researchmap: an AI Powered Research Directory

In this presentation, Professor Noriko Arai of the National Institute of Informatics discusses Researchmap, a Japanese researcher’s directory which is powered by AI. ICSTI member JST operates Researchmap, which registers 350,000 researchers and suggests results using AI.
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Tuesday, November 28th 2023- 12:30pm UTC (60 minutes) FREE TO ATTEND - FOR MEMBERS ONLY

ICSTI’s President, Jan Brase, will moderate the Member-to-Member session. Jan is Head of Research and Development at SUB - Göttingen State and University Library.

Click here to register for the Zoom meeting or use Meeting ID: 161 358 1184 and Passcode: 956658

Lorrie Johnson will discuss public access policy and support of Open Science within the US federal government. She will delve into DOE’s new Public Access Plan, which will make federal research results immediately and freely available to the public, ultimately fostering innovation and collaboration throughout the research landscape.

Title to be announced

US and DOE Public Access Policy and Support of Open Science

Open Knowledge Maps: Improving Discovery with AI and Visualisation

Discover the cutting edge synergy of AI and visualization in knowledge discovery. Peter Kraker and Mahmoud Hemila explore the future of information exploration by making scholarly information more efficient and insightful.

A Snapshot from GreyNet’s Silver Anniversary Conference

Dominic Farace shares results and insights from the Twenty-Fifth International Conference on Grey Literature in Amsterdam ‘Confronting Climate Change with Trusted Grey Resources’.

Lorrie Johnson
Senior Advisor and Information Scientist
DOE Office of Scientific and Technical Information / World Wide Science

Marcel Garcia de Souza
Coordinator of Applied Technologies
Brazilian Institute of Information in Science and Technology

Peter Kraker and Mahmoud Hemila
Open Knowledge Maps
ETH Zürich, Switzerland

Dominic Farace
Director
GreyNet International
Transformative Trends: AI’s Impact on Scholarly Communication

In this presentation, Andrew Bostjancic of Taylor and Francis publishing group will evaluate AI’s impact on academic publishing. It will provide an overview of policies that Taylor and Francis is grappling with and their potential impact on the scholarly ecosystem.

Sourcing Data for Artificial Intelligence: Advancements to separate the ready from the rubbish at the World Data System

The World Data System (WDS), an affiliate member of the International Science Council, serves a membership of trusted data repositories and related organizations. The WDS mission is to enhance the capabilities, impact, and sustainability of our member data repositories and data services.

In this presentation, we will first summarize and highlight outcomes of AI-related sessions during the recent International Data Week 2023 in Salzburg, Austria (co-organized by the WDS, the International Science Council’s Committee on Data (CODATA), and the Research Data Alliance). Second, in recognition that the availability of machine-ready data is a limiting factor in AI applications, we will present emerging plans for a collaborative effort that the WDS-ITO is embarking on with the Earth Science Information Partners (ESIP). It is anticipated that the current state of AI readiness can be evaluated in detail by leveraging ESIP’s recently published AI-readiness checklist which focuses on data documentation, access, preparation and quality, and by compiling assessments from WDS member repositories.