



IFLA Section
Information Technology



IFLA Special Interest Group
Artificial Intelligence

Artificial Intelligence Symposium: 3rd IFLA Symposium on Artificial Intelligence

5 - 7 SEPTEMBER 2023

Hosted by the North-West University Library and Information Service, Information Technology and the Faculty of Engineering: School of Electrical, Electronic and Computer Engineering, in collaboration with the International Federation of Libraries Associations IT Section



CALL FOR PAPERS

We invite papers for the 2023 Artificial Intelligence Symposium: 3rd IFLA Symposium on Artificial Intelligence. North-West University, Potchefstroom, South Africa.

Aim and Objective

The symposium aims to bring together industry leaders to discuss digital transformation strategies institutions can apply to enable agile, collaborative, and integrated service operations. The objective is to promote partnerships, networking, and collaborations within different organisations in developing e-services supporting teaching, learning, and research. This implies innovative changes and adaptability in human skills and creative imagination to establish, develop, and maintain an enabling Teaching and Learning environment aligned with digital tools. New methods and techniques will be explored for future research avenues in various fields of Artificial Intelligence, Infrastructure and Computation, and Machine Learning.

Important dates

- First call for papers: 24 Mar 2023
- Second call for papers: 27 April 2023
- Closing date for abstracts: 19 May 2023
- Paper confirmations: 5 June 2023
- Online registration opens: 5 Jul 2023
- Onsite registration: 4 Sep 2023
- Conference date: 5 – 7 September 2023

Submission types

Virtual and face-to-face paper presentations:

The length of the paper presentations must not be more than 20 minutes. After the presentation, questions time will be allowed.

Poster presentations:

Design the poster so that it is easy to read and include some visuals or charts. At the top of the poster the title and authors' names and affiliations must be indicated. The poster size should be A1 international paper size in portrait format.

PechaKucha

These sessions should cover work in progress reports, fresh developments, innovations, and good practices. It is a short, very focused, visually appealing, and inspiring narrated slide show.

Panel discussions

Panel discussions will be accommodated. These discussions should address a common theme.

Subthemes and topics

1) Artificial intelligence

- Robotic Process Automation
- Humanoid Robots for libraries
- Natural Language Processing
- Speech processing (Text-speech solutions)
- Machine Learning
- Deep Learning

2) Robots in industry and education

- AI-assisted learning.
- Intelligence for Applications and workflows
- Agile processes for personalised learning
- Library Chatbots
- AI Ethics and Safety: Responsible AI
- Preservation of Indigenous knowledge

3) E-learning

- e-Learning Tools
- Virtual Learning Environments
- Web-Based Learning
- Social interactions
- Gamification

4) Machine Visualisation

- Human-Computer Interaction
- Modelling and Simulation
- Extended Reality (Virtual Reality, Augmented Reality & Mixed Reality)
- Image Processing

5) Infrastructure & computation

- AI and security systems
- AI in the Cloud
- Blockchain

- Smart Sensor Networks
- Communication Systems and Networks

6) Technology & Trends

- Digitalisation
- Big Data
- Data analytics
- Internet of things
- Data ethics and innovation

7) AI literacy and Governance

- AI strategy in the organisation
- Workforce development and competency building in AI
- Developing digital literacy courses for AI

Please use the submission platform: [click here](#)

Symposium Website: <https://library.nwu.ac.za/artificial-intelligence-symposium-2023>