



International Symposium on Information Science and Intelligent Systems, October 29-31, 2026, Tunis, Tunisia

3IS Tunisia 2026

International Symposium on Information Sciences & Intelligent Systems

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organized by:

The Higher Institute of Documentation
SILAB research Laboratory in Information Science

Call for papers

The *International Symposium on Information Sciences and Intelligent Systems (3IS)* is dedicated to the scientific, technological, and societal dimensions of **information sciences**, especially in relation with the recent advances in **Artificial Intelligence (AI)**. At the crossroads of archiving, library and information sciences, digital heritage, data science, computational linguistics, ethics, governance, and pedagogy, the conference explores both classical and emergent trends in **information sciences** in an interdisciplinary perspective and how **intelligent systems** reshape the creation, organization, preservation, and dissemination of **knowledge** across disciplines.

The **3IS Symposium** constitutes a leading international forum dedicated to advancing interdisciplinary dialogue and scholarly collaboration in the field of information sciences and intelligent systems. It provides a critical platform for academics, researchers, and professionals to engage in informed, academic discussions addressing the theoretical, methodological, and practical challenges that define the field.

Reflecting the breadth and diversity of contemporary research, **3IS** welcomes a multidisciplinary and multilingual community of participants. Grounded in a trilingual academic culture—**Arabic, French, and English**—the symposium promotes intellectual exchange across linguistic and disciplinary boundaries, thereby fostering a genuinely inclusive and globally engaged scholarly environment.

The **scientific program** is structured to stimulate innovation, critical reflection, and collaborative inquiry. Participants will have the opportunity to engage directly with leading experts and distinguished scholars through a comprehensive range of activities, including keynote lectures, thematic and discussion panels, workshops and research presentations highlighting state-of-the-art developments. This program not only showcases pioneering contributions but also encourages attendees to participate actively in shaping the future trajectories of the discipline.

By embracing linguistic diversity and disciplinary plurality, **3IS** cultivates an open and inclusive academic dialogue that bridges **local contexts with global perspectives**, reinforcing the centrality of intercultural understanding in the production of knowledge.

Complementing the academic sessions, the symposium also offers participants the opportunity to experience the **rich cultural heritage of Tunisia** through an **integrated cultural program**. This dimension underscores the conference's commitment to connecting scientific advancement with cultural exchange, thereby providing a distinctive and enriching experience for all attendees.

Objectives

Organized by the SILAB research Laboratory in Information Science, Higher Institute of Documentation, University of Manouba, the conference aims to:

- Strengthen **collaboration between the international research community and Tunisian initiatives** in information sciences and intelligent systems.
- Rethink the **missions, the social, economic and cultural roles of libraries and information services** in the era of AI.
- Provide a platform to exchange on the **ethical, strategic, and socio-political challenges** of information ecosystems.
- Address the **management, preservation, and valorization of audiovisual and digital heritage** in the context of global knowledge access.
- Explore innovative approaches to **knowledge measurement (bibliometrics, scientometrics)** and their implications for academic ecosystems.
- Showcase advances in **computational linguistics and data science** in relation to information sciences.
- Highlight the role of information sciences and intelligent systems in **teaching, learning, and training**, fostering new pedagogical practices.

Topics

The topics include but are not limited to:

- **Libraries and archives between patrimony, organization, and public service:**
 - Conservation and restoration of collections.
 - Indexing, bibliographical description and classification practices.
 - Collection development policies.
 - The social, economic and cultural role of libraries and information services.
- **Emergent models in managing documentary heritage and digital information**
 - Digital and green libraries for equitable and sustainable global knowledge access.
 - Digital archiving and preservation of cultural and informational patrimony (web archiving, long-term preservation strategies, digitization standards, etc.).
 - Emergent approaches to manuscript, audio-visual and cultural heritage management and valorization (paleographic and epigraphic studies, computational methods for document analysis and restoration, etc.).
 - Technical and administrative challenges of digital collection management.
- **Innovation and strategic management of information services**
 - Adopting collaborative and agile methodologies in information services.
 - Strategic data analysis and data marketing in information services.
 - User Experience (UX) and service design for digital information platforms.
 - New pedagogical practices for information literacy in the digital age.
 - Evolving competencies and AI integration for information professionals.
- **Information ecosystem: governance, standards, ethics, and reliability**
 - Social, epistemological and philosophical challenges to knowledge validity in the age of AI.
 - The impact of technological innovations & AI on the attitudes and behaviors of information professionals and users.
 - Bias, transparency, and explainability of AI systems.
 - The socio-political impacts of generative AI and disinformation.
 - Human-machine co-construction of knowledge and collaborative intelligence.
 - New frameworks for AI regulation and ethical governance.
- **Scientific research and learning innovation**
 - Theories of scientific communication (editing, translation, publication and dissemination of research work)
 - Bibliometrics and scientometrics for assessing research impact and academic ecosystems.
 - Information sciences perspectives in teaching, learning, and knowledge dissemination.
 - Intelligent systems for e-learning, collaborative learning, and academic writing support.
 - AI-enhanced pedagogy, curriculum and professional development in higher education.
- **Data science and computational linguistics in information services**
 - Generative artificial intelligence and large language models
 - Natural language processing and information retrieval.
 - Document analysis, Knowledge extraction, representation and organization.
 - Data science applications in information services

Paper Submission and Reviewing

Authors interested in one of the conference topics are invited to submit their proposals through the conference platform at <http://3IS.sciencesconf.org> as a **long abstract (2 pages)**, in English, French, or Arabic, by **January 05th, 2026**. The abstract should include research problems, methodology, main results, keywords, and a brief bibliography. The document must be in **DOCX format**, using **Times New Roman, single-spaced, size 12 for English and French and 14 for Arabic**.

Authors of accepted abstracts will be invited to submit their papers following the template that will be provided to all concerned authors in due time. All submitted papers will be reviewed by at least **three (03) program committee members** based on their contribution, quality, relevance, originality, and clarity under a **double-blind peer review** process. Please note that **final acceptance will be based on the full paper**.

Key Dates

- **Call for papers:** November 15, 2025
- **Reminder:** December 1st, 2025
- **Abstract Submission:** January 05th, 2026
- **Notification of abstract acceptance:** January 31st, 2026
- **Full paper submission:** May 15th, 2026
- **Notification of full paper acceptance:** July 15th, 2026
- **Conference:** October 29-31, 2026