ABOUT THE CONFERENCE

Today's world is witnessing a rapid transformation toward a digital economy and knowledge-based society, where data has become a strategic resource. Amid this massive flow of information, the role of statistics and data sciences emerges as essential for understanding complex phenomena, extracting knowledge, and supporting informed decision-making across scientific, technological, and economic fields.

Significant advances in data collection, storage, and processing, alongside progress in statistical methods and data analytics, have brought about a qualitative leap in scientific research. Topics such as big data analytics, data science, artificial intelligence, and information security have become core areas requiring close integration between statistics and data sciences.

In this context, NCSDS'26, organized by the **Department of Mathematics and Computer Science at Higher Normal School of Technological Education -ENSET- of Skikda**, **Algeria**, aims to serve as an open scientific forum for exchanging ideas, presenting the latest research, and discussing the challenges and future prospects of this vital field, contributing to scientific research and sustainable development.

TOPICS OF INTEREST (INCLUDE BUT ARE NOT LIMITED TO)

- Statistical Analysis and Modeling
- Statistics and Artificial Intelligence
- Probability and Stochastic Calculus
- Data Science and Big Data Analytics
- Machine Learning and Data Mining
- Databases and Data Management
- Relational and NoSQL Databases
- Data Security and Governance
- Data Quality and Data Visualization
- Bio-Inspired and Metaheuristic Optimization
- Integrating Semantic Web with LLMs
- Knowledge Graph RAG Recommendation Systems
- Applications of Statistics and Data Sciences in Medicine, Economics, and AI

CONFERENCE OBJECTIVES

- Highlight the importance of statistics and data sciences in supporting scientific research and decision-making.
- Enhance awareness of their role in data analysis and efficient utilization across various fields.
- Facilitate the exchange of expertise among researchers and discuss modern techniques.
- Encourage scientific research and innovation in these domains.
- Build bridges of cooperation between academic institutions and various sectors.

EXPECTED OUTCOMES

- Raise awareness of the importance of statistics and data sciences in advancing research quality.
- Develop participants' skills in data analysis using modern scientific methods.
- Learn about the latest trends and technologies in the field.
- Strengthen collaboration and knowledge exchange among researchers and institutions.
- Encourage applied studies serving society and digital transformation demands.

SUBMISSION GUIDELINES

- Papers must be original and not previously published or under review elsewhere.
- Submissions are accepted in English or Arabic.
- All papers will be peer-reviewed by the Scientific Committee.
- Paper length: 06 pages max with IEEE template available at the conference web site.
- Submit via link: **https://cmt3.research.microsoft.com/NCSDS2026**

EVENT FORMAT

Hybrid (Online + In-person)

KEYNOTE SPEAKERS

— To Be Announced —

TARGET AUDIENCE

- University professors and researchers
- PhD and Master's students
- Socio-economic actors and professionals

Ministry of Higher Education and Scientific Research

ENSET-SKIKDA, ALGERIA

CALL FOR PAPERS

NCSDS '26
NATIONAL CONFERENCE ON STATISTICS & DATA SCIENCES

National Conference on Statistics and Data Sciences

NCSDS'26

May 18–19, 2026
ENSET Skikda, Algeria

HONORARY PRESIDENT

Dr. Djamel BOUDJAADAR
Director of the School

CONFERENCE CHAIR

Dr. Azouz FERRAG
ENSET Skikda

IMPORTANT DATES

Full paper Submission: April 10, 2026
Acceptance Notification: April 25, 2026
Conference Dates: May 18–19, 2026

CONFERENCE WEBSITE

http://ncsds.dws.enset-skikda.dz:8071/

NCSDS'26 — Committees & Registration

May 18–19, 2026 • ENSET Skikda, Algeria

SCIENTIFIC COMMITTEE

Chair: Dr. Fatma Zohra SEGHIER – *ENSET Skikda*

Dr. Samir SELLAMI – *ENSET Skikda*

Dr. Houssem Eddine KHOCHMANE – *ENSET Skikda*

Dr. Farida MERABET – *ENSET Skikda*

Dr. Rida MEZGHACHE – *ENSET Skikda*

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Dr. Safia BEKHOUCHE – *ENSET Skikda*

Dr. Fatima GUESSOUM – *ENSET Skikda*

Dr. Imene MEZIRI – *ENSET Skikda*

Dr. CHAABANE BEN Athmane – *Univ. 20 August, Skikda*

Dr. Rakia AHMED BEY – *Univ. of Mila*

Dr. Chaban DJEDDI – ENSIA Algiers

Dr. Mawloud MOSBAH – *Univ. 20 August, Skikda*

Dr. KENZA REDJIMI – *Univ. 20 August, Skikda*

Dr. Salah BOUGUEROUA – *Univ. 20 August, Skikda*

Dr. Noureddine SEDDARI – *Univ. 20 August, Skikda*

Dr. Toufik LAROUM – *Univ. 20 August, Skikda*

Dr. Yacine KISSOUM – *Univ. 20 August, Skikda*

Dr. Mohamed Said Mehdi MENDJEL – *Badji Mokhtar Annaba University*

Dr. Issam TIFOUTI – ENSIA Algiers

ORGANIZING COMMITTEE

Chair: Dr. Riad BOUAITA – *ENSET Skikda*

Dr. Fatima Zohra SEGHIR – *ENSET Skikda*

Dr. Leila ABDOUNE – *ENSET Skikda*

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Dr. Rida MEZGHACHE – *ENSET Skikda*

Dr. Nedjm Eddine DERDAR – ENSET Skikda

Dr. Salah BENHIOUNA – ENSET Skikda

IMPORTANCE OF THE TOPIC

Statistics and data sciences are among the most essential subjects in the modern era. Statistics contributes to collecting, analyzing data, and extracting accurate results that assist in making informed decisions across fields such as economics, medicine, education, and management.

Meanwhile, databases store and organize large volumes of data securely with fast retrieval. These disciplines complement each other: statistical analyses rely on data stored within databases, making them fundamental in developing modern systems, supporting scientific research, and advancing technology.

REGISTRATION FEES

Category	Fee
Students	**3,000 DA**
Teachers / Researchers	**5,000 DA**
Socio-economic / Others	**5,000 DA**

CONFERENCE VENUE

Higher Normal School of Technological Education (ENSET),
Skikda, Algeria

PRELIMINARY PROGRAM

Day 1 – May 18, 2026
Morning: Opening Ceremony + Keynote + Papers
Afternoon: Paper Presentations

Day 2 – May 19, 2026
Morning: Paper Presentations
Afternoon: Papers + Closing Ceremony

For inquiries & submissions:
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