



## Call for Abstracts

# Eureka International Workshop on Artificial Intelligence and Data Analytics *Eureka 2024*

The [Eurekas Community](#), the [Autonomous University of Tamaulipas](#), and the research group on Computational Technology (UAT-CA-87) **invite** you to participate in the

**International Workshop on Artificial Intelligence and Data Analytics 2024, on November 12-14, 2024,**  
at the South University Center, Tampico, Tamaulipas, Mexico.

The meeting's objective is to share and discuss novel hybrid and transdisciplinary innovative research and its applications in Artificial Intelligence, Augmented Intelligence, Data Analytics, and Business Analytics.

The most critical objectives are the dialogue regarding exploring synergies among the participants, the joint contributions or projects, and their global impact, which is the tradition of Eureka's congresses. The Eurekas Community focuses on the diversity and openness of the Computational Intelligence and Operations Research scientific communities and their Empirical and Theoretical Hybridization. These virtual/presential Meeting sessions are sure to be very important —as is usual in Eureka— as an initiative towards interdisciplinary and transdisciplinary science by synergies of the participants.

This call is a special invitation to the Eurekas Community. External members are also welcome to participate.

### **Topics include but are not limited to:**

Applications of Computer Science, Arquimedean-Compensatory Fuzzy Logic, Artificial Intelligence, Augmented Intelligence, Bio-inspired algorithms, Business Analytics, Business Intelligence, Combinatory Optimization, Compensatory Fuzzy Logic, Computing with Words, Decision Making, Decision Support, Deep Learning, Ensemble Algorithms, Evolutionary Algorithms, Forecasting, Fuzzy Graphs, Fuzzy Logic, Fuzzy Sets and extensions, Games Theory, Global Optimization, Granular Computing, Heuristics, Hybrid methods, Intelligent Agents, Intelligent Optimization, Intelligent Systems, Knowledge Discovery, Knowledge Engineering, Knowledge Management, Local Search, Machine Learning, Management Sciences Mathematical Programming, Metaheuristics, Multi-criteria Optimization, Multi-objective Optimization, Neural Networks, Optimal Control, Optimization, Rough Sets, Supervised Learning, Swarm Intelligence, Theoretical aspects of Computer Science, Unsupervised Learning.





### Abstracts submission procedure

Authors should submit abstracts with an extension of up to **200 words** according to the following Springer book chapter guidelines: <https://www.springer.com/de/authors-editors/book-authors-editors/your-publication-journey/manuscript-preparation/> (Word template, LaTeX template)

For approved submissions, extended abstracts (4–6 pages recommended length) following the Springer book chapters guidelines and resubmitted through the event website before **October 31<sup>st</sup>, 2024**.

### Call for Special Sessions

Would you like to organize a special session with your collaborators in the framework of Eureka 2024? Please send us your proposal before **August 16<sup>th</sup>, 2024**.

### Special sessions submission procedure

Authors should submit their sessions proposals by using the form: <https://forms.gle/ibfYhQe9FWyaXZ729>.

### Student's Research Consortium

#### Motivation

The Consortium within Eureka 2024 aims to provide students the opportunity to obtain recognition for the quality of their research and enrich it based on feedback from international researchers. The best-evaluated work in each category will receive a special certificate to recognize the best thesis.

#### Categories

- Bachelor's students.
- Master's students.
- Doctoral students.
  - 1<sup>st</sup> and 2<sup>nd</sup> year doctoral students.
  - 3<sup>rd</sup> and 4<sup>th</sup> year doctoral students.

#### Consortium submission procedure

Those students who submitted in the Workshop an abstract—derived from their thesis or research—will be able to participate. Students must email [julia.sanchez@uacj.mx](mailto:julia.sanchez@uacj.mx), attaching the duly filled out and signed application for the Consortium as a single PDF file ([https://fiuat.mx/eureka2024/application\\_consortium](https://fiuat.mx/eureka2024/application_consortium)).

#### Important Dates

Submission of abstracts deadline: ~~August 16<sup>th</sup>, 2024~~ **August 31<sup>st</sup>, 2024**

Notification of acceptance: **September 15<sup>th</sup>, 2024**

Registration payment deadline: **September 30<sup>th</sup>, 2024**

Submission of the extended abstracts deadline: **October 31<sup>st</sup>, 2024**

Workshop: **November 12-14, 2024**

Event website: <https://fiuat.mx/eureka2024/>

Abstract submissions: <https://cmt3.research.microsoft.com/EUREKA2024/Submission/Index>

