EDBT 2025 SUMMER SCHOOL
NICOSIA, CYPRUS

University of Cyprus
Department of Computer Science

7th to 11th of July, 2025
University of Cyprus, Nicosia, Cyprus

https://dmai.cs.ucy.ac.cy/

CALL FOR APPLICATIONS

The EDBT association and the University of Cyprus are happy to announce a jointly sponsored Summer School on Artificial Intelligence (AI) and Data Management, which will be hosted at the Resource Center "Stelios Ioannou", University of Cyprus, Monday July 7, 2025 to Friday, July 11, 2025. It will cover a diverse range of topics around artificial intelligence and data management, with a special focus on Large Language Models, AI agents and Vector Databases. It will have 9 tutorials from internationally renowned researchers in the field, and several social activities. Each tutorial will be 3 hour long.

APPLICATION DEADLINE:
April 7th, 2025!

* Registration Open! (Limited Seats of about 60 participants)

* Registration Site:
http://tiny.cc/glxb001

* Student Grants
will be announced later.

CONFIRMED SPEAKERS

The summer school will feature 9 invited speakers. The preliminary list of speakers along with tentative titles (in order of appearance) is listed below:

+ Prof. Ioana Manolescu (Ecole Polytechnique, France)
| "Interconnection of Heterogeneous Data using AI"

+ Prof. Flora Salim (University of New South Wales, Australia)
| "Foundational AI for Sensors"

+ Prof. Sihem Amer-Yahia (CNRS, University of Grenoble Alpes, France)
| "AI Planning for Data Exploration"

+ Dr. Charalampos Tsourakakis (RelationalAI & Boston University, USA)
| "Algorithmic Techniques in Graph Analytics"
| "Machine Learning in Graph Analytics"

+ Prof. Volker Markl (Technical University Berlin, Germany)
| "Large-scale Data Management in Flink"
| "Edge Data Management in NebulaStream"

+ Prof. Constantine Dovrolis (Georgia Tech, USA & Cyprus Institute, Cyprus)
| "Neuro-inspired AI for continual learning"
| "The new mathematics of deep learning"

+ Prof. Mohamed F. Mokbel (University of Minnesota, USA)
| "Machine Learning for Big Spatial Data and Applications"
| "Large Language Models for Spatio-temporal Queries"

+ Prof. Li Xiong (Emory University, USA)
| "Large Language Models and Privacy"

+ Prof. Cyrus Shahabi (University of Southern California, USA)
| "DeepNN for Private Spatiotemporal Queries"
| "Synthetic Trajectory Generation"

TARGET AUDIENCE

The school will be open to about 60 qualified, motivated and pre-selected candidates. The school is primarily intended for graduate (Master's & PhD) students and post-doctoral researchers, but we also welcome motivated applications from advanced undergraduate students and academic and industrial researchers. There are no formal prerequisites, but prior experience in one or more of the following areas would be helpful for benefiting from the lectures of the school:

Data Management, AI & Machine Learning, Data Mining, Informational Retrieval, Parallel and Distributed and Cloud Computing.

DIVERSITY AND INCLUSION

The EDBT 2025 Summer School on AI & Data Management community is committed to the promotion of diversity, equity and inclusion in all aspects of our professional activities (https://dbdni.github.io/). We celebrate the diversity in our community and welcome everyone regardless of age, gender identity, race, ethnicity, socioeconomic background, country of origin, religion, sexual orientation, physical ability, education, and work experience. We also welcome people and opinions of all political persuasions, as long as they abide by the ACM policy against harassment.
(https://www.acm.org/about-acm/policy-against-harassment)

STUDENT GRANTS

There will be a limited number of grants (fellowships). Half grants cover the registration fee, while full grants also cover accommodation in a student residence room. A call for applying for these grants will be announced later and applicants must briefly explain why attendance could not be financed by other means. Grants will be awarded taking into account the applicant's profile (motivations, research background), financial need and diversity and inclusion aspects. Grants will be announced after the application deadline on the website.

REGISTRATION

All Registration options include:
+ Tutorial Lectures
+ Coffee Breaks
+ 5 Lunches
+ 1 Banquet Dinner
+ 2 Dinners
+ Welcome Cocktail (with Snacks)
+ 1 Tour Trip
+ Bus from Hotel to Venue (two way).
+ Registration options with accommodation include Breakfast

There are three registration options:
+ Registration with No Accommodation: **600.00 euro**
+ Registration with (Shared) Twin Room (5 nights): **850.00 euro**
+ Registration with (Private) Single Room (5 nights): **1100.00 euro**

IMPORTANT DATES

Deadline for applications:
Monday, April 7, 2025

Notification of acceptance:
Monday, April 14, 2025

Deadline for registration:
Monday, April 28, 2025

Summer school:
July 7–11, 2025

ORGANIZATION

Prof. Demetris Zeinalipour
University of Cyprus
https://www.cs.ucy.ac.cy/~dzeina/

Prof. Panos K. Chrysanthis
University of Cyprus and University of Pittsburgh, USA
https://panos.cs.pitt.edu/

You can contact the organizers at edbt2025summerschool@gmail.com

A certificate of attendance will be provided to all verified attendees