

CALL FOR PARTICIPATION

MUFAMEX 2ND THEMATIC SCHOOL ON ARTIFICIAL INTELLIGENCE DEEP GENERATIVE MODELS

Guanajuato, Mexico, from November 16th to 19th, 2022

Deadline for applications : September 26th, 2022

MUFAMEX, in partnership with the CIMAT (Mexico), the University of Guadalajara (Mexico) and the University of Toulouse (France), is running for the second time a **thematic school on artificial intelligence**.

What is the « Thematic School on Deep Generative Models » about?

This second edition will offer specialized lectures on the fundamentals and applications of deep generative modeling (DGM). DGM has been at the core of some of the most spectacular developments in AI in the last years, incarnated in frameworks such as GANs, VAEs, diffusion models. Think for example in the popular image-from-text generators that have flooded our social networks feeds. By combining the power of neural networks and that of stochastic generative models, DGM has led to great advances in image, text, speech processing, bioinformatics to give a few areas where they are used.

Aim and objectives

The main aim is to provide students with the theoretical grounds behind DGM, practical insights on how to implement DGM models and discover some of its applications.

Over 4 days, the objectives of the thematic school are:

- To assemble relevant stakeholders to develop a deeper understanding of deep generative models;
- To bring together researchers and students and share knowledge and expertise;
- To offer research-oriented teaching by leading experts in their fields;
- To promote networking opportunities.

The program of the school will include:

- Lectures, programming tutorials and further academic activities ;
- Networking activities ;
- Poster sessions where you will receive feedbacks.

All activities will take place in Guanajuato, Mexico, at CIMAT campus.

GENERAL INFORMATION

General requirements

The school offers places for up to 80 participants. It is open to B.A., B.Sc., M.A. and PhD students in the field of artificial intelligence, studying at a higher education institution in France or Mexico. Students will come from a wide range of disciplines related to AI, such as mathematics, computer science, engineering (the list is not exhaustive).

The working language of the school will be English. Therefore, a sufficient understanding and ability to express oneself in this language is expected.

Eligibility

Selection of candidates is based on :

- Research background and interests in artificial intelligence;
- Motivation for the courses;
- The availability to attend the entire sessions of the programme.

Costs and scholarships

Students will need to cover their own costs (travel and accommodation expenses).

However, the organising committee **can award scholarships to cover flight expenses for participants who are unable to cover their travel fee**. You can also apply for accommodation : CIMAT can offer up to 42 places at CIMATEL.

Scholarships are not intended for participants who can be funded by their own institution.

APPLICATION PROCEDURE

In order to apply, you have to fill in the online application form: <https://ee.kobotoolbox.org/x/wegqtb6w>

This application will include:

- A CV ;
- An enrollment certificate from your university ;
- 1-page motivation letter.

The deadline for submitting the application is **September 26th, 2022**. Notification of acceptance will be sent the **3rd of October**.

CONTACT

For any questions regarding application, please contact Morgane Uzenat, PhD: morgane.uzenat@univ-toulouse.fr