EMINES School of Industrial Management
UNIVERSITÉ MOHAMMED VI POLYTECHNIQUE

UM6P University Mohammed VI Polytechnic

l'X ÉCOLE POLYTECHNIQUE UNIVERSITÉ PARIS-SACLAY

OCP

Centrale CASABLANCA

WINTER SCHOOL
GENERATIVE AI

26 FEBRUARY – 1 MARCH 2024

Joëlle Barral
Successful applications of Generative AI in business.

Yann LeCun
Recent advancements in AI

Eric Xing
LLM from theory to practice

Eric Moulines
Generative AI

Amal EL FALLAH - SEGHROUCHNI
Smart Multi-Agent Systems

Maxim Panov
Uncertainty Quantification for LLM

Michalis Vazirgiannis
Combinatorial methods for graph analysis in generative AI

Gaël Richard
Audio and Cross-modal Generative AI

AUDIENCE

Designed for PhD, Master & engineering students, experienced engineers and researchers, in addition to entrepreneurs and innovators interested in Data Sciences.

ACTIVITIES

- **Presentations & Panel Discussions**
- **Research Posters Presentations**
- **Business Case Studies**
- **Hackathon Competition Showcase**

https://midas.centrale-casablanca.net/winter-school-2024-generative-ai/

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Planning

FEBRUARY 26

Introduction to Generative AI

09H30	Introduction to LLM, **Michalis Vazirgiannis**, Ecole Polytechnique (X)
11H30	LLM from theory to practice, **Eric Xing**, MBZUAI
14H00	Audio and Cross-modal Generative AI, **Gaël Richard**, Télécom Paris
15H00	Recent advancements in AI, **Yann LeCun**, Meta
16H00	Round Table: Technology from Generative AI, Michalis Vazirgiannis, Eric Xing, Gaël Richard, Maxim Panov, Reda Bona

FEBRUARY 27

Applications Showcase

09H30	Multimodal Graph Analysis, **Michalis Vazirgiannis**, Ecole Polytechnique (X)
10H45	Successful applications of Generative AI in business, **Joëlle Barral**, DeepMind - Google
14H00	Generative Model for biology, **Eric Xing**, MBZUAI
15H00	Uncertainty Quantification for LLM, **Maxim Panov**, MBZUAI
16H00	Round Table: New Economic Models, Ethics, and Legislation, Eric Xing, Joëlle Barral, Ghita Lahlou , Jawad Alaoui, Redha Moulla

MARCH 01

Hackathon Finale

09H00	Smart Multi-Agent Systems, **Amal El Fallah-Seghrouchni,** Ai Movement - UM6P
10H05	Hackaton mock defense, Hackaton competitors, Mohammed El Rhabi
14H00	Hackathon project evaluation
15H00	Juries deliberation, Amal El Fallah Seghrouchni, Yann LeCun, Eric Moulines, Mohammed El Rhabi
16H10	Hackathon results award ceremony

More Information :

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Winter School: Generative AI

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