



108th IUVSTA Workshop on “Machine learning in Nanoscience”

22 – 24 July 2025

University of Mons, Mons, Belgium, EU



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BEILSTEIN INSTITUT



Workshop on Machine Learning in Nanoscience

22 – 24 July 2023

Purpose: To bring together a diverse group of researchers focused on nanoscience, nanotechnology, and machine learning, the program will feature a mix of invited lectures, roundtable discussions, and poster sessions to facilitate knowledge sharing and collaboration.

PRINCIPAL THEMES/TOPICS:

- Machine Learning Applications in Photon Science
- Artificial Intelligence in Nanotechnology
- Data-Driven Approaches
- Collaborative Innovations
- Thematic Sessions on Materials, Characterization, and Theory
- Standards for Spectroscopy data for Machine Learning purposes
- FAIR data for industry
- FAIR principles for AI models



Support:

IUVSTA – THE INTERNATIONAL UNION FOR VACUUM SCIENCE, TECHNIQUE AND APPLICATIONS

FNRS – National Fund for Scientific Research - FNRS (Wallonia-Brussels Federation)

UMONS – University of Mons

WBI - Wallonie-Bruxelles International est l'organisme chargé des relations internationales Wallonie-Bruxelles

VENUE : University of Mons, Mons, Belgium, EU

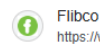
Easy access

Travel - by plane, train or car

- Flights from everywhere in Europe (two main airports well connect to Mons)
- There are direct trains to Mons from the Brussels airport and buses from Charleroi (Brussels-Sud) airport (easy booking and combination with flight)

Mons = Bergen

- The hotels are close to the train station (about 300 – 500 meters)



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Navette Bus Mons - Aéroport Charleroi

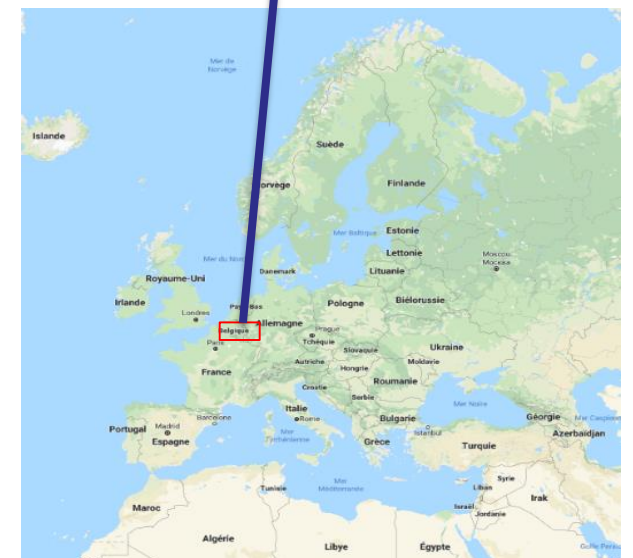
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Location UMONS, Centre Vésale, Avenue du Champs de Mars 7000 Mons Belgium

