

AI Applications for Industry and Cybersecurity

PARIS, FRANCE

31/08/2026 - 04/09/2026

2 Short-Term Courses

- ✓ **Smart Industry 4.0 Systems**
- ✓ **Applications of AI to Cyber-threat Management**



Virtual classes: July & October 2026



On-site classes: 31/08/2026 - 04/09/2026



Conservatoire national des Arts et Métiers
(CNAM)
2 rue de Conté, 75003 Paris



6 ECTS | Erasmus+ mobility grant | Free participation

Limited number of seats available

PROGRAM AND OBJECTIVES

The Blended Intensive Programme's objective is to train participants to the novel AI applications to control and improve cybersecurity practices, services, as well as connected systems, used in various industries, from smart cities, to Internet and industrial automation services.



Application of AI to Cyber-threat Management (3 ECTS)

Prerequisites:

Data communication, Networking, Basic IT security background.

Pedagogical objectives:

The main objective of this course consists in delivering a solid background in cybersecurity and AI applied to cybersecurity and cybercrime. The course will deliver an overview of the cyber-risks and related implications at both technical and operational level. The students will also get some use cases related to the use of AI in the cybersecurity sector and the new trends and techniques used by cyber criminals.

In partnership with :

ECLEXUS



Organization of the training

• Virtual Pre-Training Session

Scheduled on **1, 2 and 3 July 2026**

Total of 7 hours of synchronous sessions + autonomous work

Designed to prepare students for the September in-person course in Paris.

• In-person course

Takes place from 31 August to 4 September 2026 in Paris, France

Total of 30 hours for classes and 5 hours of social and cultural programs

• Virtual Post-training session

Scheduled on **7, 8 and 9 October 2026**

Total of 13 hours of synchronous sessions + autonomous work

Smart Industry 4.0 Systems (3 ECTS)

Prerequisites:

Computer networks, Introduction to Machine Learning, basic principles of security and linux.

Pedagogical objectives:

The main goal of this course is to cover the main aspects related to Smart Industries 4.0 systems. Students will be capable of understanding the importance of AI to Industry 4.0 as well as the different kinds of applications. The course also presents security and sustainability issues concerning Smart Industry scenarios.

PARTNER INSTITUTIONS

le cnam



universität
uulm



UNIVERSITATEA BABEŞ-BOLYAI
BABEŞ-BOLYAI TUDOMÁNYEGYETEM
BABEŞ-BOLYAI UNIVERSITÄT
BABEŞ-BOLYAI UNIVERSITY
TRADITIO ET EXCELLENTIA

ACADEMIC COORDINATORS

Stefano SECCI, Conservatoire national des arts et métiers (France)

Pedro BRACONNOT-VELLOSO, Conservatoire national des arts et métiers (France)

David RINCON, Universitat Politècnica de Catalunya (Spain)

Camelia CHIRA, Babeş-Bolyai University (Romania)

Birte GLIMM, Universität Ulm (Germany)

Khadoun AL-AGHA, Green Communications

Guy PUJOLLE, Green Communications

Angelo CONSOLI, Eclexys

Andreas de SOUSA, Eclexys

Gregorio MEYER, Eclexys

APPLICATION INSTRUCTIONS

To apply, please send :

- CV,
- transcripts,
- English level certificate,
- proof of enrollment at your university,
- contact information of your Erasmus office,

to master-roc@cnam.fr before April 30, 2026.