



People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research

The National Committee for Monitoring the Digital Transformation in the
Pedagogical and Research Fields within Higher Education Institutions and
Ensuring the Quality of Pedagogical Content



organize in collaboration with

CNEAD-Batna2 University and Oulu Finland University

Two Webinars

Online via : https://webconf.dual-mesrs.dz/CNEAD_Batna2_Oulu

09h30 : Opening by the president of CNEAD

**10h00 : Investing in AI to meet the State's priorities :
developing smart, AI-based agriculture in Saharan regions.**



Yasmine Medjadba

Yasmine Medjadba obtained her Bachelor's degree in Computer Science from Batna University, Algeria, in 2012, followed by a Master's degree from the same university in 2014. She was then awarded a scholarship to pursue her Ph.D. at the School of Artificial Intelligence, Beijing Normal University, China, where she completed her doctorate in 2020. During her Ph.D. studies, she contributed to several national research projects funded by the National Natural Science Foundation of China (NSFC) and the Ministry of Land and Resources, with a focus on geological big data analysis and mineral prospecting using advanced machine learning techniques. She is currently an Associate Professor -A- in the Department of Computer Science at Batna-2 University. Her current research interests include computer networking and security, machine learning, and deep learning, with a particular focus on object detection.

11h00 : Natural Language Processing in the Era of AI

Mourad Oussalah

Mourad Oussalah is a Professor at the University of Oulu, in the Faculty of Information Technology and Electrical Engineering in Finland, where he leads a research group on social interaction dedicated to the qualitative and quantitative analysis of data to predict the behavior of individuals and communities, with applications in business analytics, digital health, environmental sciences, and more. He works in a multi- and interdisciplinary field that spans computer science, social sciences, health informatics, and linguistics. His research has been published in more than 340 international conference proceedings and journal articles. He has also led several European and national projects in this field.

Before joining the University of Oulu, Dr. Oussalah held academic positions at the University of Birmingham (2001–2016), and postdoctoral research positions at City University of London (2000–2002) and KU Leuven (1998–2000). He holds a PhD in Robotics from the University of Paris 12 (1998) and a Master's degree in Industrial Process Optimization from the University of Créteil (1994). Dr. Oussalah is a senior member of IEEE and ACM, and a Fellow of the Royal Statistical Society. He is frequently invited to give keynote lectures and seminars at major international conferences, and is regularly consulted by the European Commission for strategic documents and technical evaluations.

