

*Network of excellence in make Digital Technologies and Artificial Intelligence (AI) solutions
for electromechanical and power systems applications (DiTArtIS)*

First training event

24-25 April 2023

Technical University of Cluj-Napoca, Romania

The Department of Electrical Machines and Drives/ Faculty of Electrical Engineering organizes the first training event in the frame of Horizon Europe Twinning project **DiTArtIS - NETWORK OF EXCELLENCE IN DIGITAL TECHNOLOGIES AND AI SOLUTIONS FOR ELECTROMECHANICAL AND POWER SYSTEMS APPLICATIONS** (ditartis.utcluj.ro).

The mission of DiTArtIS project is to align the research activity at the Department of Electrical Machines and Drives to the digital transformation trends and reduce the gap between the department and the twinning European leading institutions. Strengthen the research and innovation excellence of the beneficiaries, especially of UTCN group, as well as enhance the digital skills of their staff will be done through building teams of excellence to derive new ideas and tackle challenges, to ensure that UTCN and twinning partners will sustainably increase scientific excellence and innovation capacity in the field of electromechanical and power systems applications (EMPSA), by integrating digital technologies and AI solutions and techniques.

The event will include:

- A one-day workshop on *Introduction to Artificial Intelligence*. The main objective of the workshop is to introduce the subject of AI and its scope for stimulating interest on the subject in the participants.
- A half a day workshop on *Research data management and Open science*, providing researchers with useful tools to respond to the new paradigm in handling and sharing research results, from open access to publications to research data management.

A presentation of the Internationalization at KU Leuven, which will offer examples of good practices to be followed for increasing international collaboration.

