

Dissemination workshop at CentraleSupélec

The dissemination workshop in CentraleSupélec was held the 12 of January 2026 in room vi. 219 in Eiffel building in CentraleSupélec from 9AM to 5PM.

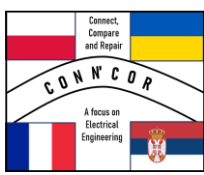
Coffee, tea and pastry were available all day long. Four posters were exposed to explain to the attendees the results that have been obtained during the CONN'COR project.

About 20 participants came to see the posters. 13 participants responded to the survey (see at the end of the document).

Picture of room vi. 219 before the event :



Here are the four posters that have been presented to describe all the objective and results obtained in the CONN'COR project:



2024-1-FR01-KA220-HED-000250882
CONN'COR Project
R5.7 Dissemination Workshop in CS



Co-funded by
the European Union

université
PARIS-SACLAY

www.conncor.fr

Erasmus+ CONN'COR Project

Cooperation partnerships in higher education

Project number: 2024-1-FR01-KA220-HED-000250882

Funding: 120 000 EUR (1 year)

**“Connect, compare and repair for a common future with
Ukraine: a focus on Electrical Engineering teaching”**

The partners



Lviv Polytechnic National
University (LPNU)
Ukraine



Bialystok University of
Technology (BUT)
Poland



University of Nis
(UNI)
Serbia



CentraleSupélec
(CS)
France
Main Coordinator

Main objectives of the project

- ❑ **WP2:** Improve the quality of teaching at each partner university: coherence between courses + involvement of learning assistant
- ❑ **WP3:** Creation of new courses in collaboration with Ukraine
- ❑ **WP4:** Strengthening cooperation with Ukrainian university and use its experience of working and implementing projects under difficult conditions
- ❑ **WP5:** Communication and Dissemination

3 coordination meetings



**Kick-Off meeting at
CentraleSupélec (France)**
7-8 nov. 2024



**Mid-term meeting at
University of Nis (Serbia)**
8-9 May 2025



**Final meeting at Bialystok
University of Technology (Poland)**
23-24 Oct. 2025

Workpackage 2: Improve the quality of teaching: coherence between courses + involvement of learning assistant

Coherence between courses

CS shared 2 experiences for coherence between courses

- “Creation of the course **Electronics Systems**”, presented by Philippe Bénabès and Emilie Avignon-Meseldzija
- “Creation of a new diploma and associated challenges”, presented by Anthony Kolar

Involvement of « Learning Assistant »

In the project, a « Learning Assistant » is defined as having **about the same age and same academic background** as the students he is providing assistance to.

CS involved two learning assistants:

- In CAD1 « Introduction to integrated circuits design » in the ICS Master in CS was involved Quentin Vermot des Roches, former CentraleSupélec student, currently PhD student in CS.
- In CAD2 « Research based teaching » in the ICS Master in CS was involved Viet Nguyen Thien, former student from the same Master, currently PhD student.

Workpackage 5: Communication/Dissemination

10 lectures given to secondary school pupils



CS contribution: Lecture provided to young pupils (CM2) in Ecole Primaire Painlevé Massy, 25th of November 2025

Scientific papers prepared during CONN'COR

Oksana Hoholyuk, Iryna Moroz, Ivanna Vasylyshyn, Myroslav Sabat “Electrical Engineering in Wartime: Perspectives on Ukraine's Energy Sector” 2025 26th International Conference on Computational Problems of Electrical Engineering (CPEE) doi:10.1109/CPEE67905.2025.11236738

Emilie Avignon-Meseldzija, Philippe Benabes, Hanane Meliani, Jaroslav Makal, Jaroslav Forenc, Iryna Moroz, Dejan N. Milic, Jelena A. Anastasov, Goran T. Djordjevic “Home Compatible Labs Concept in Erasmus+ Conn'Cor Project ” 2025 17th International Conference on Advanced Technologies, Systems and Services in Telecommunications (TELSIKS), Nis, Serbia, 2025, pp. 140-143, doi: 10.1109/TELSIKS65061.2025.11240896

M. S. Stojanović, J. R. Djordjević-Kozarov, J. A. Anastasov, D. N. Milić and E. Avignon-Meseldzija, "A Cost-Effective EOG Acquisition Front-End for Laboratory Exercises," 2025 17th International Conference on Advanced Technologies, Systems and Services in Telecommunications (TELSIKS), Nis, Serbia, 2025, pp. 197-200, doi: 10.1109/TELSIKS65061.2025.11240716

Th. Do, Z. Rabet, E. Avignon-Meseldzija, S. Feruglio : “Design of a Compact Low Power 10 nF Capacitance Multiplier for Biomedical Applications”, Young Professional Event held in 23RD IEEE INTERNATIONAL NEWCAS CONFERENCE, Paris, France (2025), Paris, France (2025)

Zuo LIU, Longfei WANG, Viet Nguyen-Thien “A Variable Gain Amplifier for MEMS Front End” Young Professional Event held in 23RD IEEE INTERNATIONAL NEWCAS CONFERENCE, Paris, France (2025), Paris, France (2025)

Emilie Avignon-Meseldzija, D. N. Milić, J. A. Anastasov, Aziz Benlarbi-Delaï “Analog Spectrum-Based Estimation of TDOA Using Selective Frequency Sampling with Dispersive Filters ” IET Electronics Letters, submitted

Workpackage 3: Development of new courses in cooperation with Ukraine

« Design of Electrical Networks »

LPNU (Ukraine) + BUT (Poland)

- ❑ 10 lectures in form of multimedia presentations,
- ❑ 10 movies containing pre- and post-lecture tasks,
- ❑ 5 manuals for laboratory works
- ❑ 6 sample projects

« Design of Communication Networks »

LPNU (Ukraine) + UNI (Serbia)

- ❑ 13 lectures in the form of multimedia presentations,
- ❑ 13 introduction-to-lecture movies,
- ❑ 5 manuals for laboratory works
- ❑ 6 sample projects.

« Home Compatible Labworks »

CS + LPNU + BUT + UNI

Wartime conditions may lead to limited traffic or access to electricity only during specific time periods. 5 « Home Compatible Labworks » have been proposed and tested by Polish, Serbian and Ukrainian students:

- ❑ Labwork 1: ECG measurement
- ❑ Labwork 2: Introduction to Arduino +DC motor activation
- ❑ Labwork 3: DC motor synchronization
- ❑ Labwork 4: Air quality Monitoring
- ❑ Labwork 5: IoT, Control RGB Ring with your phone

CS Contributing teachers: Philippe Benabes, Hanane Meliani, Emilie Avignon-Meseldzija



Students from Lviv Polytechnic National University (LPNU) in Ukraine testing Labwork 1 « Introduction to Arduino + DC motor activation »

« Research based teaching »

CS Experience

In the framework of the ICS Master, 12 small research project were given to the students. The objective of these projects were to initiate the students to research methodology through:

- ❑ Reading and deep understanding of 3 selected research papers
- ❑ Initiation to specific design techniques (low-power, low noise...) and new architectures
- ❑ Design of a circuit in link with the state-of-the-art
- ❑ Writing of a 2-pages IEEE format papers
- ❑ 2 papers selected for presentation at IEEE Young Professional Event

CS Contributing teachers/researchers: Emilie Avignon-Meseldzija, Viet Nguyen-Thien



Thu-Giang Do and Zuo Liu, Two ICS Master students presenting their work at the IEEE NEWCAS Young Professional Event in June 2025.



Co-funded by the European Union



WP4: Strengthening cooperation with Ukrainian university and use its experience of working and implementing projects under difficult conditions

12 Conferences provided by LPNU colleagues

Professors from LPNU (Lviv Polytechnic National University) provided four lectures to the three partners:

- The Energy Sector of Ukraine from the Perspective of Teaching Electrical Engineering Disciplines During Wartime** (by Prof. Oksana Hoholyuk)
- Resilience and Protection of Electric Power Systems in Wartime: Challenges and Solutions** (by Prof. Oksana Hoholyuk)
- How we live, teach, and learn during wartime** (by Prof. Iryna Moroz)
- University adaptation to the challenges of wartime and future recovery** (prof. Iryna Yaremchuk)

OKSANA HOHOLYUK

Doctor of Technical Sciences
 Head of the Department of Theoretical and General Electrical Engineering
 Institute of Power Engineering and Control Systems
 Lviv Polytechnic National University
 Ukraine



IRYNA MOROZ

IB Program Teacher
 Associate Professor
 Physics Department
 Lviv Polytechnic National University
 Ukraine



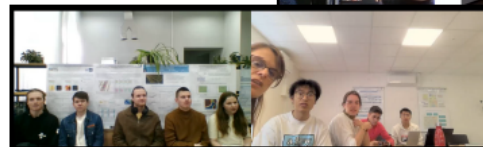
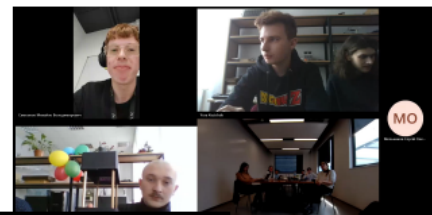
IRYNA YAREMCHUK - Doctor of Technical Sciences, professor, Head of the Department of Electronic engineering.
TETIANA BULAVINETS - Ph. D., docent, Associate Professor of the Department of Electronic engineering.
OLHA SHYMCHYSHYN - Ph. D. Associate professor of the Department of Electronic engineering.

All the meetings and conferences have been recorded and are available on the website:
<https://conncor.fr/project-results/>

12 meetings with Ukrainian students

12 meetings have been organized for LPNU Ukrainian students to exchange with partners from CS, BUT and UNI students to exchange on the following topics:

- Teamwork
- Electronics project
- Wartime studying conditions
- Free topics....



12 presentations of previous international projects

Every partner presented 3 previous international projects. CS presented:

- The Engineering & Science Complex Development Project in the University of Nairobi (2022 – current)
- NePRev
- VRAILEXIA

CS Presenter: Rochane Sabbah

Preparation of a new Erasmus+ Application

« AI tools in Engineering Education »

CS contributors:
 Mohamad Mroué, Emilie Avignon-Meseldzija

And the answer to the survey about the workshop is below:



WP5 R5.6 Dissemination Workshop at
 CentraleSupélec (12/01/2026)
 Room vi. 219



Dissemination workshop Erasmus+ CONN'COR Project
"Connect, compare and repair for a common future with Ukraine: a focus on Electrical Engineering teaching"

Project # 2024-1-FR01-KA220-HED-000250882

	Name and surname	Signature	I was satisfied with the organization of this workshop
1	RICHECOEUR Frank		<input checked="" type="radio"/> Yes/ <input type="radio"/> no
2	GONCALVES Sophie		<input checked="" type="radio"/> Yes/ <input type="radio"/> no
3	HABIB Alexandre		<input checked="" type="radio"/> Yes/ <input type="radio"/> no
4	MROUE' Mohamad		<input checked="" type="radio"/> Yes/ <input type="radio"/> no
5	BENABES Philippe		<input checked="" type="radio"/> Yes/ <input type="radio"/> no
6	Rochana Sabbah		<input checked="" type="radio"/> Yes/ <input type="radio"/> no
7	VERMOT DES ROCHES Quentin		<input checked="" type="radio"/> Yes/ <input type="radio"/> no
8	DAKOTONDRA TSITIBA Lydie		<input checked="" type="radio"/> Yes/ <input type="radio"/> no
9	VUONG Huu Hung		<input checked="" type="radio"/> Yes/ <input type="radio"/> no
10	DAKHLI Saber		<input checked="" type="radio"/> Yes/ <input type="radio"/> no
11	LELANDAIS-PERRAULT Caroline		<input checked="" type="radio"/> Yes/ <input type="radio"/> no
12	Aziz BENHARRI DELAI		<input checked="" type="radio"/> Yes/ <input type="radio"/> no
13	KOLAN Anthony		<input checked="" type="radio"/> Yes/ <input type="radio"/> no