

WG meeting CONN'COR

The WG meeting was held at University of Nis, Faculty of Electronic Engineering, Aleksandra Medvedeva 4, 18000, Nis, Serbia; ROOM 104, the 8th and 9th of May 2025. Attended to this meeting three partner's teams beside CentraleSupélec. Here is the composition of the teams:

Ukrainian team (LPNU) : Prof. Iryna Moroz, Prof. Iryna Yaremchuk

Polish team (BUT): Prof. Jaroslaw Makal, Prof. Jaroslaw Forenc

Serbian team (UNI): Ass. Prof. Jelena Anastasov, Prof. Goran Djordjevic, Prof. Dejan N. Milic, Prof Daniela Milovic, Prof. Aleksandra Panajotovic

French team (CS): Assoc. Professor Emilie Avignon-Meseldzija, Research Engineer Hanane Meliani

The WG meeting agenda is provided below. Each partner was responsible for the presentation of a workpackage or part of the workpackage to launch the discussions:

Day 1: Thursday 8th of May, 2025

9.00 h – 12.30 h	- Welcome speech (UNI) - Introduction to CONN'COR activities (short overview) (CS) Discussion on WP1 – Management - One PC per country (CS, BUT, LPNU, UNI) Discussion on WP2 – Strengthening the coherence of teaching on a certain set of subjects - Overview of the realized activities in the scope of the WP2 (BUT, CS, LPNU, UNI) - Remained tasks and deadlines (BUT, CS, LPNU, UNI)
12.30 h – 13.30 h	LUNCH TIME
13.30 h – 17.00 h	Discussion on WP3 (part 1) – Development of new and modernization of existing selected courses as examples of teachers' collaboration Short introduction (UNI) Designing of communication systems - Overview of realized and remained tasks (UNI) Designing of Electrical networks - Overview of realized and remained tasks (BUT)
19.00 h	Dinner and discussion

Day 2: Friday 9th of May, 2025

9.00 h – 12.30 h	Discussion on WP3 (part 2) – Development of new and modernization of existing selected courses as examples of teachers' collaboration Home Compatible Labworks - Overview of realized and remained tasks (CS, UNI) Introducing research-based teaching - Overview of realized and remained tasks (UNI, CS)
12.30h – 13.30 h	LUNCH TIME
13.30 h – 16.00 h	Discussion on WP4 – Strengthening cooperation with Ukrainian university and use its experience of working and implementing projects under difficult conditions - Overview of realized and remained tasks (LPNU) Discussion on WP5 – Communication and dissemination - Overview of realized and remained tasks (CS, BUT, LPNU, UNI)
16.00 h – 17.00 h	Preparing half-year report - discussion

For the sake of simplicity, the report about the Kick-Off meeting will follow the agenda based on each Workpackage discussion.

1. Discussion on WP1-Management

All the tasks have been examined to verify completion.

For reminder, here are the task in WP1 and the current state of each task:

R1.1a Minutes on the first MC meeting. Minutes available on the website.

Completed

R1.1b Minutes on the second MC meeting. Minutes available on the website.

About to be completed

R1.1.c Minutes on the third MC meeting. Minutes available on the website.

Will be completed in M12

R1.2a Mid-term report of MC. Report available on the website.

About to be completed

R1.2b Final report of MC. Report available on the website.

Will be completed in M12

R1.3a The first report of QAB. Report available on the website.

Not Completed

R1.3b The second report of QAB. Report available on the website.

Not Completed

R1.3c The third report of QAB. Report available on the website.

R1.4d The fourth report of QAB. Report available on the website.

Will be completed in M12

After examination of each tasks the feedbacks from the reviewers have been considered again:

WP2: It is important to further specify the methodology for identifying courses and selecting students in WP2.

Feedback addressed when realizing the task

WP4: It is also appropriate to provide more details on the organization of student meetings and cooperation between partners in WP4.

Feedback addressed when realizing the task

WP5: It is essential to develop a more detailed communication and dissemination plan, specifying the targeted newspapers and publication formats.

Only partially addressed for the moment

Finally, providing a thorough explanation of the role of industrial networks in the project's communication strategy is important.

Not addressed for the moment

Common decision after task examination about QAB:

- Each partner will find external QAB. For the QAB: Summary of our activities (2-pages)
- Including realistic consideration regarding deadline and results
- We must not be afraid to criticize the underealization
- One column with critical self-assessment

Common decision after feedback on the role of industrial network in the project's communication strategy:

- UNI provided a questionnaire about educational process in UNI: suitability with industry Result and conclusion before the end of May
- LPNU : tough collaboration with industrial network to modify the teaching
- CS survey about industry expectation regarding teaching, will ask if it is available
- BUT will give the new course to industrial partners.
- During workshop dissemination each partner invites an industrial representative

2. Discussion on WP2- Strengthening the coherence of teaching on a certain set of subjects

R2.1a Teachers attended the training on team working. Screen recording of the webinar.

Completed

R2.1b Report on training of teachers. Presentations for training created.

Completed

R2.2a Teachers attended the training on course alignment. Screen recording of the webinar. A list of courses that require a stronger correlation.

Completed

R2.2b Teachers attended the training on mutual collaboration. Screen recording of the webinar.

Completed

R2.2c Report on propositions for teaching coherence with aim to improve the quality and consistency of teaching across institutions.

Needed for M9

R2.3a Results and appropriate comments of survey among active and graduated students related to the learning outcomes and the overall effectiveness of teaching.

R2.3b Learning assistants attended the training. Screen recording of the webinar.

Done by LPNU, CS and BUT

To be done by UNI

R2.3c Reports on 10 meetings between teachers and learning assistants. Learning assistant included to help students to get better learning outputs.

Done by LPNU, CS and BUT

To be done by UNI

R2.3d Report on inclusion of learning assistants in teaching.

Done by LPNU, CS and BUT

To be done by UNI

Remark about the delay from UNI: Since October 2024, there are massive strike of Students in Serbia. It has lead to a delay in some tasks involving students

3. Discussion on WP3 - Development of new and modernization of existing selected courses as examples of teachers' collaboration

R3.1 Digital materials prepared for the course “Designing of communication systems” (5ETC), 13 lectures in the form of multimedia presentations, 13 introduction-to-lecture movies, 5 manuals for laboratory works and 6 sample projects. Course implemented.

To be done by UNI

Remark about the delay from UNI: Since October 2024, there are massive strike of Students in Serbia. It has lead to a delay in some tasks involving students

R3.2 New ready-to-teach “Home Compatible Labworks” for remote teaching in Electronics (5ETCS). 5 new labworks + list of required material + feedback from students. Course implemented.

About to be completed

UNI tested or partially tested : ECG lab, IoT LED lab, DC Motors Synchronization. About to be tested by students

BUT tested

R3.3 Digital materials prepared for the course “Designing of Electrical Networks” (5 ETCS), 10 lectures in form of multimedia presentations, 10 movies containing pre- and post-lecture tasks, 5 manuals for laboratory works and 6 sample projects). Course implemented.

R3.4a Teachers trained for research-based teaching. Screen recording of the webinar.

R3.4b Reports on the introduction of novel teaching methodologies into courses

For Research based teaching, methodology for documentation, literature. It is not necessarily at Master level.

4. Discussion on WP4 - Strengthening cooperation with Ukrainian university and use its experience of working and implementing projects under difficult conditions

R4.1 is realized **according the schedule (M12)**

R4.2a This activity has not been completed yet. It is scheduled to be completed by **June 2025 (M8)**

R4.2b It is realized **according the schedule (M12)**

R4.3a *A series of training webinars is planned for September 2025.*

R4.3b It is realized **according the schedule**

R4.4a Topics and a lecture plan were developed in M2 and will be implemented in June 2025 (**M8 instead of M2**). It is decided that the content of these courses will be partially some lectures and partially some discussions and exchanges for a new European project proposal.

R4.4b It is realized **according the schedule (M9)**

5. Discussions on WP5 Communication/Dissemination

R5.1a E-mail list and Microsoft Teams team created. Fluent communication between project team members established. **Delivered on time**

R5.1b Report on communication among partners available on project website. **Delivered on time**

R5.2a Dissemination plan created. Project logo created. Website of the project created. Instagram profile of the project created.

Delivered on time

Instagram and LinkedIn profile

R5.2b Newspaper articles published. Wider community in Poland, France, Ukraine and Serbia was informed about the project. Lectures given to secondary school pupils.

Partially delivered in M6, the rest will be delivered in M8

R5.2c Report on dissemination activities created. High visibility of the project achieved both inside the academic community, and also in the student, pupils and stakeholders community.

Due for M12

R5.3a Paper presented at a conference and was visible at IEEE Xplore.

2 papers to be presented at the YP NEWCAS conference the 24th of June + 2 papers at Telsiks conference

Delivered on time

R5.3b Paper presented at a conference and was visible at IEEE Xplore.

Due for M12, will be conference Telsiks

R5.4 WGs meeting held at UNI co-located with MC meeting. Minutes on WGs meeting available on project website. **WG was held**

Report will be available in M8

R5.5 Dissemination workshop 1 held at UNI. Teachers, students, pupils, government representatives and industrial partners were informed in-person about project results. Report on workshop available at project website.

Due for M11

R5.6 Dissemination workshop 2 held at LPNU. Teachers, students, pupils, government representatives and industrial partners were informed in-person about project results. Report on workshop available at project website.

Due for M11

R5.7 Dissemination workshop 3 held at CS. Teachers, students, pupils, government representatives and industrial partners were informed in-person about project results. Report on workshop available at project website.

Due for M12

R5.8 Dissemination project meeting held at BUT. Teachers, students, pupils, government representatives and industrial partners were informed in-person about project results. Report on workshop available at project website

Due for M12

Promotion actions

Date	Way of promotion (e-mail, newsletter, paper, information on website, conference etc.)	Description of action	Audience	Effect	People from Partner organization on who took part/organized action
Nov. 2024	LinkedIn post on Kick-Off meeting from CentraleSupélec International Affairs	https://www.linkedin.com/feed/update/urn:li:activity:7262836146366296065/	LinkedIn network	14 like, 2 republications, 743 impressions	LPNU BUT UNI CS
Nov. 2024	Instagram post on Kick-Off meeting from CentraleSupélec International Affairs	https://www.instagram.com/p/DCWzkgoo7HH/	Instagram	100 like	LPNU BUT UNI CS
Feb. 2025	Announcement of the lecture : "The Energy Sector of Ukraine from the Perspective of Teaching Electrical Engineering	https://www.linkedin.com/posts/erasmus-conn-cor-75ab03351_teachingeeduringwartime-activity-729734198633892	LinkedIn network	1 rep. 22 impressions	CS

	Disciplines During Wartime"	6592-EX 9/?utm_source=share&utm_medium=member_desktop&rcm=ACoAAffoLHYB GCa1FypJYIUTazBVOBPZxPCrdQ			
Feb. 2025	Announcement of the lecture : "The Energy Sector of Ukraine from the Perspective of Teaching Electrical Engineering	Email to all GeePs laboratory			CS
28 th of March 2025	Announcement of the lecture ""Resilience and Protection of Electric Power Systems in Wartime: Challenges and Solutions""	Email to all GeePs laboratory			CS
May 2025	LinkedIn post about WG meeting in Serbia	https://www.linkedin.com/feed/update/urn:li:activity:7328322827453919233/	LinkedIn network	9 likes, 3 rep.	LPNU BUT UNICS
20 th of May 2025	Announcement of the lecture ""University adaptation to the challenges of wartime and future recovery "	Email to all GeePs laboratory Email to all electronics department			
18 Nov 2024	Information on the LPNU website	University news about starting of the new project "University representatives took part in the kick-off meeting of the CONN'COR project within the Erasmus+ programme" https://lpnu.ua/en/news/university-representatives-took-part-kick-meeting-conncor-project-	LPNU academic community	Teachers and students learned about the start of a new educational Erasmus+ project CONN'COR and its main goals and objectives	LPNU BUT UNICS

		within-erasmus-programme			
12 Dec 2024	Announcement on the LPNU website	Announcement about two webinars from representatives of the Białystok University of Technology (Poland): 1.Coaching techniques supporting effective communication in international projects. 2. Creative techniques to solve conflicts among team members https://lpnu.ua/news/webinary-u-ramkakh-proiektu-conncor-vid-predstavnykiv-bilostotskoho-tekhnohichnoho	LPNU academic community	Teachers and students were invited to participate in webinars organized as part of a project supported by the European Union under the Erasmus+ program.	BUT LPNU
23 Dec 2024	Information on the LPNU website	University news about two webinars for effective communication and conflict resolution in international academic projects. “Representatives of three Lviv Polytechnic Institutes took part in webinars from the CONN'COR project” https://lpnu.ua/en/news/representatives-three-lviv-polytechnic-institutes-took-part-webinars-conncor-project	Teachers of the General Physics, Theoretical and General Electrical Engineering, and Electronic Engineering Departments (LPNU) and teachers from BUT, UNI and CS.	The webinars provided practical tools for effective communication and conflict resolution, enhancing teamwork in international academic projects. Participants explored coaching models and role-based strategies to improve collaboration and address team dynamics.	LPNU BUT UNI CS

				All participant s received certificates of participati on.	
31 Jan 2025	Information on the LPNU website	University news about the webinar that discussed aligning teaching across subjects to strengthen coherence in Electrical Engineering education. "Polytechnicians participated in the first webinar of the new year as part of the CONN'COR project" https://lpnu.ua/news/politekhniky-vzialy-uchast-u-pershomu-v-novomu-rotsi-vebinari-u-ramkakh-proiektu-conncor	Teachers of the General Physics, Theoretical and General Electrical Engineering, and Electronic Engineering Departments (LPNU) and teachers from BUT, UNI and CS.	The webinar promoted international exchange of best practices and inspired Ukrainian educators to apply interdisciplinary approaches, aiming to improve student engagement and learning outcomes through better course integration.	LPNU BUT UNI CS
14 Apr 2025	Information on the LPNU website	University news about the March 2025 CONN'COR lecture series "Energy of Ukraine: Teaching Electrical Engineering Disciplines in Time of War" highlighted Professor Oksana Hoholyuk's insights into the challenges and resilience of Ukraine's energy sector during wartime. "IPEC Professor delivers a series of lectures on teaching electrical engineering in time of war as part of CONN'COR Project"	Teachers of the General Physics, Theoretical and General Electrical Engineering, and Electronic Engineering Departments (LPNU) and teachers from BUT, UNI and CS.	The lectures fostered academic solidarity and intercultural dialogue, deepening international understanding of Ukraine's energy crisis and inspiring curriculum adaptations to	LPNU BUT UNI CS

		https://lpnu.ua/en/news/ipec-professor-delivers-series-lectures-teaching-electrical-engineering-time-war-part-conncor		prepare future engineers for work in emergency and post-war contexts.	
2 May 2025	Information on the LPNU website	In April 2025, the Department of General Physics at Lviv Polytechnic held two online meetings with students from the University of Niš (Serbia) as part of the CONN'COR project, promoting cultural exchange and discussion on higher education practices. https://lpnu.ua/news/mizhnarodna-spivpratsia-studenty-politekhniky-zustrilys-onlain-iz-kolehamy-z-universytetu-v	Students and teachers from LPNU and UNI	The meetings fostered intercultural dialogue, strengthened academic connections between Ukrainian and Serbian students, and highlighted shared values, challenges, and opportunities for future collaboration—even in times of war.	LPNU UNI
5 May 2025	Information on the LPNU website	In April 2025, the Department of General Physics at Lviv Polytechnic held two online meetings with students from the Bialystock University of technology (Poland) as part of the CONN'COR project, promoting cultural exchange and discussion on higher education practices. https://lpnu.ua/news/studenty-lvivskoi-ta-bilostotskoi-politehnik-obiednalys-zarady-maibutnoho-zustrich-u-mezhakh	Students and teachers from LPNU and BUT	The meetings fostered intercultural dialogue, strengthened academic connections between Ukrainian and Polish students, and highlighted shared values, challenges, and	LPNU BUT

				opportunities for future collaboration—even in times of war.	
2 May 2025	Meeting	As part of the "Polytechnic Days in Schools" project, a meeting was held with secondary school students to present the CONN'COR project, its goals and objectives, and to share experiences from international student meetings organized within the initiative.	Pupils from the Liceum Halyckiy, 4, Zamkova str, Lviv, Ukraine	The event raised awareness among school students about international academic cooperation, inspired interest in global education projects, and encouraged future engagement in cross-cultural initiatives.	LPNU