

Research Workshop Agenda

Meeting date: 30.09. – 01.10.2025
Meeting venue: Escola Tècnica Superior d'Enginyeria Industrial de Barcelona
Avda. Diagonal 647, Barcelona, 08028, Spain

Day 1: Tuesday, 30.09.2025

Doctoral Candidates Colloquium		
Start	Topic	Speaker / Responsible
09:00 – 09:10	Welcome and introduction	Organisers (UPC)
09:10 – 09:50	DC1 – Presentation + discussion	Ali Sajjadi (RWTH ACS)
09:50 – 10:30	DC2 – Presentation + discussion	Musa Mathew (RWTH IAEW)
10:30 – 11:10	DC3 – Presentation + discussion	Alejandra Obando (UPC)
11:10 – 11:30	Coffee break	
11:30 – 12:10	DC4 – Presentation + discussion	Emmanuel Sule (KUL)
12:10 – 13:30	Lunch break	
13:30 – 14:10	DC5 – Presentation + discussion	Gerald Cham Kpu (KTH)
14:10 – 14:50	DC6 – Presentation + discussion	Mahnoor Hassan (KIT)
14:50 – 15:30	DC7 – Presentation + discussion	Abdolhamid Farshadi (TUBS)
15:30 – 15:50	Coffee break	
15:50 – 16:30	DC8 – Presentation + discussion	Donia Ayari (RUG QCELS)
16:30 – 17:10	DC9 – Presentation + discussion	Mohammadtaher Azampour (RUG STeP)
17:10 – 17:50	DC10 – Presentation + discussion	Tuanku Badzlin Hashfi (TU DELFT)
17:50 – 18:00	Wrap-up and instructions for Day 2	Organisers (UPC)
19:00	Self-paid Dinner Location tba.	

Day 2: Wednesday, 01.10.2025

Guest Lecture Prof. Dr. Juan Velásquez (Professorship for Energy transportation and distribution, fundamentals of electrical engineering FH Dortmund) + Collaboration Space		
Start	Topic	Responsibility
09:00 – 09:45	Harmonic Impedance Estimation – Theory	Prof. Dr. Juan Velásquez



09:45 – 10:30	Industry insights and examples	Prof. Dr. Juan Velásquez
10:30 – 11:15	Practical hands-on session	Prof. Dr. Juan Velásquez
11:15 – 11:30	Q&A and coffee break	
12:00 – 13:00	Laboratory visit	Organisers (UPC)
13:00 – 14:30	Lunch break	
14:30 – 16:00	Thematic group work: defining joint actions	All DCs
16:00 – 17:00	Drafting collaboration plans and wrap-up	All DCs + Organisers (UPC)

Instructions for Supervisors

Supervisors are encouraged to attend the two-day workshop, to participate both in the Colloquium (Day 1) and in the collaboration space (Day 2).

Instructions for DCs – Research Workshop

You are invited to a two-day in-person workshop focused on scientific exchange and identifying collaboration opportunities within the group.

What you need to prepare

- A **20-25-minute presentation** on your current research. Focus on open questions, challenges, or work in progress.

During the workshop

- You'll have 25 minutes to present, followed by 15 minutes of discussion
- After each presentation, **DCs must write down ideas** on how your work could connect or contribute to the presenter's topic (methodology, application, theory...)
- You can also **suggest how DCs could potentially collaborate between them**, even if you are not involved
- These ideas will be collected in a shared document and used to shape Day 2 discussions

Goals

- Practice technical public speaking
- Get focused feedback on your work
- Understand what others are working on
- Identify real opportunities for collaboration

This is not a formal presentation (e.g. conference), unfinished, open-ended, or exploratory content is welcome.

Prof. Dr. Juan Velásquez (FH Dortmund) will participate on both days. On day 1 he will listen to the Doctoral Research Workshop and give feedback, answer questions related to the individual DC presentations. On day 2 he will give input on the above-mentioned agenda items and integrate the key elements of day 1.