# Terms and Conditions for Participation in the EPE 2025 Power Electronics Hackathon

## Preamble

1. The EPE 2025 Power Electronics Hackathon ("Hackathon") is organized by the **EPE2025 Conference** and supported by **OwnTech Technologies**. **OwnTech Technologies** is a provider of innovative power electronics solutions, enabling rapid prototyping and reprogrammable converters.

2. The Hackathon is designed to encourage participants to demonstrate their skills and creativity in the fields of power electronics and prototyping.

3. The Hackathon will take place during the EPE 2025 Conference, starting on **March 31, 2025**, and concluding on **April 1, 2025** with a presentation of results and an award ceremony held during the Closing session in EPE 2025 Conference **Paris, France**. The closing session will take place on Thursday 3 April 2025.

4. Participants will register and submit project ideas that aim to reproduce or extend research presented at the EPE2025 Conference. Selected participants will receive access to ready-to-assemble OwnTech Technologies equipment to develop experimental benches during the 24-hour Hackathon.

## Registration

5. Registration is open to Master Students, PhD students, and post-doc attending the EPE 2025 Conference. Participants must register individually via the subscription link. Registration must include a brief description of the idea or project the participant intends to develop during the Hackathon.

6. Participants must be **18 years or older** and have a technical background sufficient to operate power electronics equipment safely.

7. All participants must adhere to the rules and guidelines provided during registration. Failure to comply with these rules may result in disqualification.

8. After registration, participants whose ideas are selected will receive confirmation via email. Only confirmed participants will be eligible to join the Hackathon.

# Eligibility

9. The Hackathon is open to Master Students, PhD students, and post-doc attending the EPE2025 Conference and already registered at EPE 2025.

10. Participants must ensure their project submissions do not infringe any third-party intellectual property rights and must contain only original work or properly licensed content.

11. Participants must not be under any contractual agreement that would assign ownership of their results to any third party other than themselves or OwnTech Technologies.

# Hackathon Phases

12. The Hackathon consists of the following phases:

   - **Phase 1 Idea Submission:** Participants propose ideas that align with their research or conference related topics (electromobility, smart grids, storage, ai and etc). Proposals must outline whether the participant aims to reproduce or extend their research.

   - **Phase 2 Selection and Preparation**: Selected participants will receive access to OwnTech Technologies SPIN boards. They will use these boards to prepare their implementation, which will be finalized during the Hackathon.

   - **Phase 3 The 2-day Hackathon (**March 31 – April 1, 2025): Participants will work intensively on their projects using OwnTech's power hardware. The power hardware uses the same code base from the SPIN board and the work done during preparation should be easily transposable to the power hardware provided. Participants may bring their own power hardware. Participants will still have access to OwnTech's power hardware during the Hackathon.

   - **Phase 4 Presentation and Awards:** Participants will present their results to a jury of experts. Winners will be announced, and prizes awarded during the closing session.

# Prizes

13. The following prizes will be awarded:

   - **First Prize:** €1200,00

   - **Second Prize:** €600,00

   - **Third Prize:** €200,00

14. Winners will also receive recognition during the EPE2025 Conference and certificates of participation.

# Logistics

15. Participants must bring their own laptops and tools as required. OwnTech Technologies will provide their power hardware reprogrammable boards, power

sources and power loads. The OwnTech team will support the participants during the 2-day Hackathon.

16. If special power sources or loads are necessary, the participants must inform the OwnTech team at least one month in advance.

17. Participants are responsible for their travel and accommodation during the EPE2025 Conference.

## Intellectual Property

18. OwnTech operates under a TOOL vs. SOLUTION mindset.

19. All the code base and the hardware that will be provided by the OwnTech Technologies during this Hackathon are property of the CNRS under open-source licences, including the SPIN, TWIST, OWNVERTER and any other hardware provided. These are designated as TOOLS and any changes to the TOOLS must remain open-source with the same licenses as the original.

20. The code and hardware that you may create in preparation to and during the Hackathon and that implements your idea are SOLUTIONS which will remain YOUR PROPERTY. You may share it as you wish. These include your main.cpp file and any other support libraries and files you may write that interact with the OwnTech code base. It may also include any hardware that you connect to the SPIN board during preparation and/or the Hackathon itself.

21. Participants retain ownership of their SOLUTIONS but agree to allow OwnTech Technologies and EPE 2025 to showcase their work in promotional materials.

22. If participants decide to publish their SOLUTIONS, they agree to do so with proper attribution and in compliance with the Open Science principles of the EPE 2025 Conference whenever relevant .

## Representations and Warranties

23. Participants warrant that their submissions are original and do not infringe any third-party rights.

24. Participants agree to indemnify the organizers against any claims arising from intellectual property disputes.

## Miscellaneous

25. The organizers reserve the right to modify or cancel the Hackathon at their discretion.

26. These Terms and Conditions shall be governed by and interpreted in accordance with the laws applicable to the EPE 2025 Conference.

27. Any disputes arising from the Hackathon will be subject to the exclusive jurisdiction of the courts associated with the conference's location.


For further information, please visit the Hackathon section via the EPE 2025 website or contact the organizers at <luiz.villa@owntech.io>.