Ein Bild, das Schrift, Text, Logo, Grafiken enthält.

KI-generierte Inhalte können fehlerhaft sein.

**UHPS**

**Test System**

**Collaboration Initiative**

**B1. Submission Form Document​**

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# Introduction

EGSTON Power Electronics is committed to driving innovation and supporting groundbreaking research in power electronics and related fields. Through this initiative, we aim to enable universities worldwide to develop new ideas and research projects using our cutting-edge with our newly released UHPS Test System. By providing access to advanced equipment, we seek to foster collaboration between academia and industry, promoting advancements in renewable energy, electric vehicles, power grids, and more.

We invite technical universities with a strong interest in power electronics to submit proposals for the use of the UHPS Test System. Selected institutions will have the opportunity to use the equipment for the requested amount of time free of charge.

# Submission Form

Please fill out the tables below according to your research plan. Please note that the awarding decision will be based on the answers given below according to the A1. UHPS Test System Collaboration Initiative Call criteria and evaluation process.

## II.1. Institution Information

|  |  |
| --- | --- |
| Official Address | |
| Name of Institution |  |
| Department/Faculty |  |
| Address Line 1 |  |
| Address Line 2 |  |
| Country |  |
| ZIP |  |

|  |  |
| --- | --- |
| Shipping Address | |
| Name of Institution |  |
| Department/Faculty |  |
| Address Line 1 |  |
| Address Line 2 |  |
| Country |  |
| ZIP |  |

## II.2. Team Information

|  |  |
| --- | --- |
| **Primary Contact Person** | |
| Name |  |
| Title |  |
| Email |  |
| Phone Number |  |
| **Team members** *(please add further members in the same manner)* | |
| **Name** |  |
| Role |  |
| Relevant Expertise/Experience |  |
|  | |
| **Name** |  |
| Role |  |
| Relevant Expertise/Experience |  |
|  | |
| **Name** |  |
| Role |  |
| Relevant Expertise/Experience |  |

## II.3. Research Proposal(s)

|  |  |
| --- | --- |
| **Main Research Project** | |
| **Proposed Research Title 1.** |  |
| **Objective**  *Provide a summary of the goal of your research and its significance in advancing knowledge in power electronics or related fields.* |  |
| **Research Description**  *Describe how you intend to use the UHPS Test System for your research. Include the following:*   * *E.g.: Block diagram, including voltage-current-power levels, interfaces, bandwidth requirements.* * *Key methodologies and experimental setups.* * *The role of the UHPS Test System in your research.* |  |
| **Expected Outcomes:** *Describe the anticipated results or advancements your research aims to achieve* |  |

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|  |  |
| --- | --- |
| **Additional Research Projects** *(In case of several use cases please copy table in same manner. Please note that the applications with most use cases would be preferred in awarding.)* | |
| **Proposed Research Title 2.** *(optional)* |  |
| **Objective**  *Provide a summary of the goal of your research and its significance in advancing knowledge in power electronics or related fields.* |  |
| **Research Description**  *Describe how you intend to use the UHPS Test System for your research. Include the following:*   * *E.g.: Block diagram, including voltage-current-power levels, interfaces, bandwidth requirements.* * *Key methodologies and experimental setups.* * *The role of the UHPS Test System in your research.* |  |
| **Expected Outcomes:** *Describe the anticipated results or advancements your research aims to achieve* |  |

|  |  |
| --- | --- |
| **Proposed Research Title 3.** *(optional)* |  |
| **Objective**  *Provide a summary of the goal of your research and its significance in advancing knowledge in power electronics or related fields.* |  |
| **Research Description**  *Describe how you intend to use the UHPS Test System for your research. Include the following:*   * *E.g.: Block diagram, including voltage-current-power levels, interfaces, bandwidth requirements.* * *Key methodologies and experimental setups.* * *The role of the UHPS Test System in your research.* |  |
| **Expected Outcomes:** *Describe the anticipated results or advancements your research aims to achieve* |  |

## II.4. Research Timeline

|  |  |  |
| --- | --- | --- |
| **Research Timeline Proposal** | | |
| **Proposed Start Date** *The date when the research could kick off, when all other devices and resources necessary (e.g.: DUT) can be provided.* |  | |
| **Estimated Duration**  *How many weeks are estimated to be required to finish the research.* |  | |
| **Milestones** *Provide an estimated timeline with milestones. In case of several use case/project, please include the total expected time of usage. (Please include project start and finish date, and when UHPS is expected to be ready for pickup) E.g.:*  *2025.06.01. – Expected project start*  *2025.06.10. – Milestone 1 .*  *2025.06.15. – Milestone 2 .*  *2025.06.30. – Project Finished .*  *2025.07.02. – UHPS ready for pickup.*  *In case of several use cases, please divide the different use cases.* | Date | Milestone |
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## II.5. Additional Information

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| --- | --- |
| **Relevant Past Projects** *Highlight any prior research or projects conducted by your team that demonstrate your capability to execute this project successfully.* |  |
| **Additional Information for EGSTON Power Electronics** |  |

The document shall be submitted to the [**info@egstonpower.com**](mailto:info@egstonpower.com) email address before the deadline mentioned in the A1. UHPS Test System Collaboration Initiative Call

**Authorized Person´s Signature:**

* Name:
* Title:
* Date: