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**Application Form 2025-EUS**

**NCKU AISSM International Seed Fund Program**

**AREA OF cOOPERATION**

* Integrated Circuit design
* Semiconductor manufacturing technology
* Semiconductor packaging and testing
* key materials
* smart and sustainable manufacturing

**Project Title** (IN ENGLISH)

# NCKU AISSM Principal INVESTIGATOR

Name, institutional affiliation and contact of co-principal NCKU AISSM investigator - Co-PI

 First Name:

 Last Name:

 Position:

 Laboratory or Department:

 Research Institution / University:

 Address:

 Tel:

 E-mail :

 Date :

 Signature :

**List of the main publications for the last three years of the NCKU AISSM Co-PI**

# International partner institution Principal INVESTIGATOR

Name, institutional affiliation and contact of co-principal investigator - Co-PI

 First Name:

 Last Name:

 Position:

 Laboratory or Department :

Research Institution / University:

 Address:

 Tel:

 E-mail:

 Date:

 Signature:

**List of the main publications for the last three years of the international partner institution Co-PI**

**Other team members (NCKU AISSM and international Partner institution)**

NCKU AISSM

Name (First/Last), Position Held, Department/Faculty/Institution

International Partner Institution

Name (First/Last), Position Held, Department/Faculty/Institution

# Funding requested

Maximum from NCKU AISSM is USD$10,000 and maximum from International partner institution is USD$10,000.

# abstract (Maximum 500 words)

**scientific justification and work plan**

This section should describe the background and the proposed research. The mode of cooperation between the NCKU AISSM and International Partner Institution groups should be evident, and the added value provided by the collaboration

The full project should be submitted on A separate sheet

The project description should include (up to 10 pages including the abstract not including bibliography):

1. Scientific background and state of the art: scientific background, including an overview of the field of research around the world, noting the relative advantage of the proposed research;
2. Research objectives and specific aims: the purpose of the research;
3. Detailed description of the proposed research: working hypothesis, research program and methods, and preliminary results;
4. Significance, importance, innovation, and potential benefits of the proposed research;
5. Applicability: expected use and future technological development;
6. Cooperation vectors between the research groups: proposed modes of cooperation, their benefits and how they contribute to the research;
7. Work plan and Gantt: a list of stages and milestones, wach with a short verbal description. Each stage should be plotted on a Gantt schedule diagram, clearly indicating the planned start time and an end times.
8. Bibliography of relevant literature.

Please number the sections of the project description according to the numbers in the list above.

# impact and sustainability (please outline the expected outcomes for the seed grant, including the anticipated impact of the longer-term collaboration. Detail how this seed grant will contribute to building towards larger national and/or international funding opportunities. Identify specific national and international funding opportunities and provide timelines for application. The description should be no more than 500 words.)

# budget table (in usd)

Eligible expenses:

* Travel and visiting costs
* Joint seminars, meetings, and workshops
* Stipends of visiting students, post-doctoral fellows, and research personnel
* Travel expenses for visiting students

|  |  |  |
| --- | --- | --- |
| **Item** | NCKU AISSM | Partner |
|  | (amount) | (amount) |
|  |  |  |
|  |  |  |
| Total | $10,000 | $10,000 |

# budget description

NCKU AISSM

Partner Institution

# Checklist-A complete application will include:

□Complete application form

□Short-version CV of Co-PI (NCKU AISSM)

□Short-version CV of Co-PI (International Partner Institution)

□Letter of support from the International Partner Institution’s administration committing to providing matching funding in case the application is successful.

□FULL SCIENTIFIC JUSTIFICATION AND WORK PLAN