

國立成功大學智慧半導體及永續製造學院智慧與永續製造學位學程
論文發表認定原則
Accreditation Principles for Paper Publication and Invention Patents
for the Doctoral Program on Smart and Sustainable Manufacturing
Under the NCKU Academy of Innovative Semiconductor and Sustainable Manufacturing

112 年 2 月 8 日 111 學年度第 1 學期第 8 次學程業務會議通過
Approved at the 8th meeting of the Program Affairs Council in the fall semester of the 2022-23 academic year on February 8, 2023
112 年 4 月 10 日 111 學年度第 6 次院務會議備查
Ratified at the 6th meeting of the Academy Affairs Council in the 2022-23 academic year on April 10, 2023
112 年 9 月 28 日 112 學年度第 3 次學程業務會議通過
Approved at the 3rd meeting of the Program Affairs Council in the 2023-24 academic year on September 28, 2023
112 年 11 月 21 日 112 學年度第 2 次院務會議備查
Ratified at the 2nd meeting of the Academy Affairs Council in the 2023-24 academic year on November 21, 2023
114 年 1 月 11 日 113 學年度第 1 學期第 7 次學程業務會議通過
Approved at the 7st meeting of the Program Affairs Council in the fall semester of the 2024-25 academic year on January 11, 2025
114 年 3 月 6 日 113 學年度第 3 次院務會議備查
Ratified at the 3rd meeting of the Academy Affairs Council in the 2024-25 academic year on March 6, 2025

一、國立成功大學智慧半導體及永續製造學院智慧與永續製造學位學程（以下簡稱本學程），為辦理本學程博士生發表與研究相關之國際學術論文或發明專利之認定，依國立成功大學智慧半導體及永續製造學院智慧與永續製造學位學程博士班修業辦法第六條第二項規定，訂定本原則。

I. The Principles are established by the Program on Smart and Sustainable Manufacturing under the NCKU Academy of Innovative Semiconductor and Sustainable Manufacturing (hereafter the Program) to administer the accreditation of international academic paper publication or invention patents for the Program in accordance with the provisions of Paragraph 2, Article 6 of the Academic Regulations for the Doctoral Program on Smart and Sustainable Manufacturing Under the NCKU Academy of Innovative Semiconductor and Sustainable Manufacturing.

二、本學程所稱國際學術論文認定標準如下：

(一)須為發表於 SCI 相關領域、影響係數(Impact factor)領域排名(JCI)Q2(含)以前之期刊(領域排名可擇優)，排名及影響係數之認定，以論文投稿日當年度或前五年度所公布之 ISI 資料庫排名及影響係數為準，但提出申請時之論文需為”已接受”，且：

1.各期刊論文係以「Original Article」、「Research Article」、「Letter」、及「Review Article」為標準，不含「Letter to Editor」、「Comment」及「研討會論文(Proceedings Paper)」等。各期刊之等級(rank)認定方式以發表當年或前一年 Journal Citation Reports(JCR)資料庫之 rank 數值為原則。

2.除指導教授、共同指導教授外，研究生應為第一作者；除本款第 3 目之特殊原因外，隸屬單位(affiliation)應僅列 Program on Smart and Sustainable Manufacturing, Academy of Innovative Semiconductor and Sustainable Manufacturing, National Cheng Kung University。

3.論文通訊作者應為指導教授，且列本校為服務單位(affiliation)之一。

(二)論文發表在無明顯標示通訊作者之期刊時，應檢附指導教授為通訊作者之證明。

(三)論文發表前，研究生有下列各目情形之一，可增(共)列隸屬單位：

1.與校內各級單位、中心以上簽有正式合作備忘錄或意向書等單位合作，並有支領對方經費者；

- 2.與簽准共同指導教授之單位合作，並有支領對方經費者；
 - 3.以在職生身分入學者，可共列其工作單位；
- (四) 已抵免之論文，不計入畢業所須論文數。
- (五) 論文有多人相同貢獻第一作者時，則貢獻權重均分之，可累計發表論文數加總貢獻權重達一篇。

II. The accreditation criteria of the Program for the publication of international academic papers are as follows:

- (I) Papers should be published in SCI-related journals, whose impact factors are ranked (JCI) Q2 or above by field (one may choose a higher-ranked field of the journal for submission). The ranking of each journal is determined based on the rankings of the ISI database in the publication year or the previous five years. When an application is submitted for accreditation, the paper must be one accepted for publication that meets the following requirements:
1. The journal papers are those identified as *Original Article*, *Research Article*, *Letter*, or *Review Article*, excluding *Letter to Editor*, *Comment* or *Proceedings Paper*. The ranking of each journal is based on the rankings of the Journal Citation Reports (JCR) database in the publication year.
 2. In addition to the advisor and co-advisors, the applicant should be identified as the first author of the paper. Except for special circumstances listed in Item 3 of Subparagraph (III), the paper should be identified as one published in affiliation solely with the Program on Smart and Sustainable Manufacturing, Academy of Innovative Semiconductor and Sustainable Manufacturing, National Cheng Kung University.
 3. The corresponding author of the paper should be the advisor, with NCKU listed as one of the author's affiliations.
- (II) In case of a paper published in a journal that does not clearly indicate the corresponding author, the applicant shall provide with a document certifying the advisor as the corresponding author.
- (III) Students can list other affiliation units, in addition to NCKU, if they cooperate with other institutions before the publication of a paper under any of the following circumstances:
1. They cooperate with a unit in the organization of the university on any level or with a center with a signed cooperation memorandum or letter of intent, and receive funds from the unit.
 2. They cooperate with an institution that co-advisors are affiliated with, and receive funds from that institution.
 3. Those who enroll as in-service students can list their employment affiliation.
- (IV) The paper used for subject test exemption will not be counted among the number of papers required for graduation.
- (V) If several authors are identified as the first authors of the same paper, the applicant's contribution weight of the paper will be divided by the number of first authors. The applicant may cumulate his/her contribution weights of several papers to one paper for accreditation.

三、本學程所稱發明專利認定標準如下：

- (一) 應於入學後不含休學之六學期內獲核准之發明專利。
- (二) 專利發明人應包含博士生本人及其指導教授。

- (三) 專利所有權所屬單位應為本校，若專利所有權非本校屬產學合作單位，則須檢附合約佐證。
- (四) 已抵免之專利，不計入畢業所須專利數。
- (五) 專利題目應與其博士學位論文相關。
- (六) 專利申請日期應為就讀本校期間。

III. The accreditation criteria of the Program for invention patents are as follows:

- (I) One invention patent granted within six semesters after admission (excluding the period of study suspension).
- (II) Patent inventors should include the applicant and the advisor.
- (III) The patent ownership shall belong to NCKU. If the patent ownership belongs to an academia-industry partner institution of NCKU, the contract must be provided as proof.
- (IV) The patent used for subject test exemption will not be counted as one accredited for graduation.
- (V) The patent title should be related to the doctoral dissertation.
- (VI) The patent application should be filed on a date during the period of study at NCKU.

四、本原則經本學程會議通過後實施，送院務會議備查，修正時亦同。

IV. The Principles shall be approved by the Program Affairs Council and ratified by the Academy Affairs Council before taking effect. Amendments shall be processed accordingly.

These regulations were translated from the original Chinese. In the event of discrepancies between the two versions, the Chinese always takes precedence.