**「國立臺灣大學系統」年輕學者創新性合作計畫聯合補助研究計畫書**

**Application Form of Innovation-Oriented Trilateral Proposal
for Young Investigators of NTU SYSTEM**

修訂日期：110年8月2日

Enacted on: August 2, 2021

|  |  |  |
| --- | --- | --- |
| 總計畫名稱Title of Main Project | 中文Chinese |  |
| 英文English |  |
| 總計畫主持人Chief Investigator | 姓名Name | 中文Chinese |  | 英文English |  |
| 服務單位Affiliation | □ | 台師大NTNU | □ | 台大NTU | □ | 台科大NTUST | 系/所Department |  |
| 全程執行期限Project Period | 自 111年 1月 1日 至 111年 12月 31日From Yr Mo Day to Yr Mo Day |
| 申請經費總額度Amount Requested for the Budget Period | NTD  | 111年額度Amount Request for 2022 |
| 申請資料Application Materials  | □子計畫封面(含系/院主管簽章)Cover Pages of Subprojects (with Endorsement from Department Chairperson/College Dean)□子計畫一/Subproject 1 □子計畫二/ Subproject 2 □子計畫三/ Subproject 3□研究計畫書/Research Proposals□總計畫/Main Project □子計畫一/Subproject 1□子計畫二/Subproject 2 □子計畫三/Subproject 2□計畫主持人之個人資料表/*Curriculum Vitae* of Principal Investigators□子計畫一/Subproject 1 □子計畫二/ Subproject 2 □子計畫三/ Subproject 3□經費需求表/Requested Budget for Entire Term of Project Period□其他有助於審查之資料/Supplemental Materials |
| 主持人聲明書Affidavit of Principle Investigators |  |
| 總計畫暨子計畫主持人簽名Signatures of Chief and Principal Investigators | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_日期/Date: \_\_\_\_\_\_\_\_\_\_\_\_ |
| 聯絡人Corresponding Person | 姓名Name |  | 職稱Position/Title |  |
| 單位Department |  | 電話Phone |  | 電郵E-mail |  |

* 本表連同其他紙本資料一併填送一式四份(Please complete this form and submit it with all application materials in four copies)
* 請另寄送電子檔至總主持人所屬學校之研發處承辦人：

(台大/張愷云小姐/changky@ntu.edu.tw；台師大/陳淑君/humsci@ntnu.edu.tw；台科大/游元漢/ yhan@ntust.edu.tw)
(Please have the files attached in an E-mail and sent to the contact person of the ORD of the coordinating PI's University
Ms. Chang at changky@ntu.edu.tw, Ms. Chen at humsci@ntnu.edu.tw, or Mr. Yu at yhan@ntust.edu.tw)

**子計畫封面 Cover Page of Subproject**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **第\_\_\_子計畫/Subproject \_\_\_**  | 申請自 | □ | 台師大 | □ | 台大 | □ | 台科大 |
| Submitted from | NTNU | NTU | NTUST |

|  |  |  |
| --- | --- | --- |
| 總計畫名稱Title of Main Project | 中文Chinese |  |
| 英文English |  |
| 總計畫主持人Chief Investigator | 姓名Name | 中文Chinese |  | 英文English |  |
| 服務單位Affiliation | □ | 台師大NTNU | □ | 台大NTU | □ | 台科大NTUST | 系/所Department |  |
| 全程執行期限Project Period | 自 111年 1月 1日 至 111年 12月 31日From Yr Mo Day to Yr Mo Day |
| 申請經費總額度Amount Requested for the Budget Period | NTD  |
| 子計畫一 | Subproject 1 | 計畫名稱Project Title | 中文 |  |
| English |  |
| 主持人Principal Investigator | 姓名 |  | Name |  |
| 服務單位Affiliation | □ | 台師大NTNU | □ | 台大NTU | □ | 台科大NTUST | 系/所Department |  |
| 子計畫二 | Subproject 2 | 計畫名稱Project Title | 中文 |  |
| English |  |
| 主持人Principal Investigator | 姓名 |  | Name |  |
| 服務單位Affiliation | □ | 台師大NTNU | □ | 台大NTU | □ | 台科大NTUST | 系/所Department |  |
| 子計畫三 | Subproject 3 | 計畫名稱Project Title | 中文 |  |
| English |  |
| 主持人Principal Investigator | 姓名 |  | Name |  |
| 服務單位Affiliation | □ | 台師大NTNU | □ | 台大NTU | □ | 台科大NTUST | 系/所Department |  |
| 補助原則：(一)參與計畫人員應包括三校教研人員。(二)計畫補助以下列原則為優先： a.高創新性且有機會引領該領域研發方向。 b.能引進外部研究資源(例如:產學合作或國際合作計畫)。(三)計畫期間以一年為原則。 |
| 簽章/日期Signature and Date | 申請人Subproject PI |  | 日期Date |  |
| 系主任/所長Departmental Chairperson |  | 日期Date |  |
| 院長Dean of College |  | 日期Date |  |

**總計畫/Main Project**

繳交計畫前，請刪除說明/Please delete all the instructions before proposal submission.

總計畫內容以兩頁為限(標楷體12點、單行間距)，且包含下列項目

Limited to 2 pages (Times New Roman, 12 points, single space) and including the following sections:

**1. 摘要與計畫願景/Synopsis and Long-Term Goals of the Project**

**2. 計畫背景、領域現狀、本計畫目的與預期效益/
 Background, Current Status, Objectives, and Impact of the Project**

This section presents questions addressed by the proposal.

Please describe the current state of the art and ongoing developments in fields relevant to your proposal. Provide an assessment of what further breakthrough needs. Comment on the position of your proposal with respect to the context developed above: for example, the position of the projected results at national or international level. With respect to competing with or complementary to literature work, patents and standards will be another example. Please cite necessary references.

**3. 執行與整合方式/Approach and Project Structure**

This section provides rationales for the methods and approaches that will be tailored to lift the crucial barriers and thus to reach the objectives defined above.

Please break the work package down into major tasks. Provide interdependencies and responsibilities within the subprojects and describe how previous experiences qualify the PIs for the task. Please also provide short profiles of the PIs and other key participating personnel who will be undertaking the work.

**4. 評論本計畫之創新性與引領領域發展的可能性/
 Comments on Originality and Innovation of the Proposal and the Impact to the Community**

【例：高創新性且有機會引領該領域研發方向或能引進外部研究資源(例如:產學合作或國際合作計畫)】

**5. 年度具體檢核點/A List of Milestones Accomplished at the End of 2022**

**6. 參考文獻/References**

**第\_\_\_子計畫/Subproject \_\_\_**

**計畫名稱/Project Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

繳交計畫前，請刪除說明/Please delete all the instructions before proposal submission.

子計畫內容以兩頁為限(標楷體12點、單行間距)，且包含下列項目

Limited to 2 pages (Times New Roman, 12 points, single space) and including the following sections:

**1. 計畫目的/Specific Objectives of this Subproject**

Describe, for this subproject, the specific objectives and the significance, *e.g.*, prospects for academic excellence, originality and innovations in scientific research or technological development, and impact on the society and international competitiveness.

**2. 本子計畫對整體計畫的貢獻/Contribution of this Subproject to the Synergic Integration**

This section re-defines the questions of the main project yet from the aspect of this subproject. Describe how undertaking the aforementioned questions by this subproject furnishes synergic effect to this trilateral project.

**3. 執行方式/Methods and Approach**

This section justifies the methods, technical choices, and the approaches in which solutions will be brought. A brief background information might be necessary.

**4. 評論本子計畫之創新性與引領領域發展的可能性/
 Comments on Originality and Innovation of this Subproject and the Impact to the Community**

【例：高創新性且有機會引領該領域研發方向或能引進外部研究資源(例如:產學合作或國際合作計畫)】

**5. 參考文獻/References**

**經費需求表/Requested Budget for Entire Term of Project Period**

金額單位/Unit: 新台幣元/NTD

|  |  |  |
| --- | --- | --- |
| 年份Project Year項目Budget Categories | 一年One Year2022-01-01 ~ 2022-12-31 |  |
| 子計畫一Subproject 1 | 子計畫二Subproject 2 | 子計畫三Subproject 3 | 子計畫一Subproject 1 | 子計畫二Subproject 2 | 子計畫三Subproject 3 |
| **業務費General Expenses** |  |  |  |  |  |  |
|  研究人力費 Salaries and Wages |  |  |  |  |  |  |
|  耗材及雜項費用 Consumables  |  |  |  |  |  |  |
| **研究設備費用Equipments** |  |  |  |  |  |  |
| **國外差旅費****Expenses for** **International Conference and Traveling** |  |  |  |  |  |  |
| **合計****Total for Each Year** |  |  |  |  |  |  |

\*三校原則就計畫經費總額各補助三分之一，且子計畫合計總額每年最高以補助新台幣150萬元為原則，**仍須以審查結果及總體預算考量為主。**

**計畫主持人個人資料表**

##### Personal Information of the Principal Investigator

(可繳交自科技部下載的個人資料表C301~4
Alternatively, the submitted materials can be
downloaded from your account at MOST.)

一、基本資料Personal Information

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 中文姓名Chinese Name |  | 國籍Nationality |  |  |
| 英文姓名English Name |  | 性別Gender | □男Male□女Female |  |
| 出生日期Date of Birth |  年 月 日 Year Month Day | 電話Telephone |  |  |
| 電子郵件E-mail |  | 手機Cell Phone |  |  |
| 專長領域Area(s) of Expertise |  |  |

二、主要學歷Education (請填學士學位起至最高學歷)

(Please fill in education of bachelor level and up to the highest degree of education)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 畢 業 學 校School | 國 別Country | 科系所或主修學門Major | 學 位Degree | 起 迄 年 月Date (Start/End) |
|  |  |  |  |  / 至 /  |
|  |  |  |  |  / 至 /  |
|  |  |  |  |  / 至 /  |
|  |  |  |  |  / 至 /  |

三、現職及與專長相關之經歷Professional Experience
 (請按時間先後順序由最近經歷開始填起/Starting with the most recent experience in chronological order.)

|  |  |  |  |
| --- | --- | --- | --- |
| 服 務 機 關Organization | 服務部門/系所Department/Institute | 職 稱Position Title | 起 迄 年 月Date (Start/End) |
| 現職Present Position |
|  |  |  |  /  |
| 經歷Experience |
|  |  |  |  / 至 /  |
|  |  |  |  / 至 /  |
|  |  |  |  / 至 /  |
|  |  |  |  / 至 /  |

四、請列個人最近五年內發表之學術性著作、包括期刊論文、專書及專書論文、研討會論文、技術報告及其他有助於申請之著作，並請依各類著作之重要性自行排列先後順序。

Please provide a list of publication published within the last 5 years, including published papers in peer-reviewed journals, books, articles in books and in conference proceedings, technical reports, etc. Please list the item in the order of importance.