

國立臺灣大學 書函

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密等及解密條件或保密期限：

附件：本合作方案相關說明

主旨：謹定於106年5月11日(星期四)上午9時至11時於本校第四會議室舉辦

「本校與工業技術研究院國際學位生實習及共同指導研究生方案」

說明會，敬請轉知所屬教師踴躍參加。

說明：

一、該方案乃針對國際學位生之實習方案，屆時將由工業技術研究院人力資源處何大安處長蒞臨指導說明；該院擬合作單位包括：資訊與通訊研究所、電子與光電系統研究所、材料與化工研究所、生醫與醫材研究所或其他研究所及中心。

二、擬合作方案如下： Summer/Winter Internship Program、ITRI & NTU Coordinated graduate program (請詳附件)。

三、擬合作領域：

(一) Systems Software, 5G Communications, Machine Learning, Virtual/Augmented Reality, Deep Neural Network, Drone, and Cyber Security.

(二) LED, OLED, Photonics, Intelligent electronic and optoelectronic systems.

(三) Bio-IT, Precision Medicine, Regeneration Medicine, Targeted Drug and Delivery, Botanical Drug.

(四) Ecomaterials (Biomass, Biomimetics, Circular materials, Light materials).

(五) 其他可與工研院合作之領域。

四、合作方案學生之人數及薪資：每年約25位國際生，薪資請詳如後附件。

正本：理學院、數學系、物理學系、化學系、地質科學系、心理學系、地理環境資源學系、大氣科學系、海洋研究所、天文物理研究所、應用物理學研究所、應用數學科學研究所、氣候變遷與永續發展國際學位學程、醫學院、醫學系、牙醫學系、藥學系、醫學檢驗暨生物技術學系、護理學系、物理治療學系、職能治療學系、解剖學暨細胞生物學研究所、生理學研究所、微生物學研究所、藥理學研究所、臨床醫學研究所、臨床牙醫學研究所、生物化學暨分子生物學研究所、病理學研究所、毒理學研究所、分子醫學研究所、免疫學研究所、口腔生物科學研究所、臨床藥學研究所、法醫學研究所、腫瘤醫學研究所、基因體暨蛋白質體醫學研究所、腦與心智科學研究所、轉譯醫學博士學位學程、醫學教育暨生醫倫理研究所、醫療器材與醫學影像研究所、工學院、土木工程學系、機械工程學系、化學工程學系、工程科學及海洋工程學系、材料科學與工程學系、環境工程學研究所、應用力學研究所、建築與城鄉研究所、工業工程學研究所、醫學工程學研究所、高分子科學與工程學研究所、綠色永續材料與精密元件博士學位學程、電機資訊學院、電機工程學系、資訊工程學系、光電工程學研究所、電信工程學研究所、電子工程學研究所、資訊網路與多媒體研究所、生醫電子與資訊學研究所、資料科學學位學程、生命科學院、生命科學系、生化科技學系、植物科學研究所、分子與細胞生物學研究所、生態學與演化生物學研究所、漁業科學研究所、生化科學研究所、基因體與系統生物學學位學程

副本：工業技術研究院人力資源處何大安處長、教務處教務長郭鴻基、工學院副院長陳文章、研究生教務組、事務組

國立臺灣大學



**Annex A: ITRI–NTU International Student Joint Cooperation Program**

| Program                  | ITRI & NTU Coordinated graduate program                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type                     | Summer/Winter Internship Program                                                                                                                                                                                                                                                                                                                                                                                                                                | Scholarship at NTU + Guaranteed Internship at ITRI                                                                                                                                                                                                                                                                                                                                                                                                                           | Full-time employment at ITRI + Paid graduate study at NTU                                                                                                                                                                                                                                                                                              |
| Degree                   | Internship at ITRI                                                                                                                                                                                                                                                                                                                                                                                                                                              | Scholarship at NTU + Guaranteed Internship at ITRI                                                                                                                                                                                                                                                                                                                                                                                                                           | Full-time employment at ITRI + Paid graduate study at NTU                                                                                                                                                                                                                                                                                              |
| Degree                   | NTU International Student (Bachelor/Master's/Ph.D.)                                                                                                                                                                                                                                                                                                                                                                                                             | Master's/Ph.D. Student                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Master's/Ph.D. Student                                                                                                                                                                                                                                                                                                                                 |
| Maximum Number per Year* | 14                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1                                                                                                                                                                                                                                                                                                                                                      |
| Selection Procedure      | <ul style="list-style-type: none"><li>● NTU and ITRI independently evaluate and accept internship applications based on academic performance, research experiences/skills, and recommendation letters.</li></ul>                                                                                                                                                                                                                                                | <ul style="list-style-type: none"><li>● NTU and ITRI jointly select finalists based on academic performance, research experiences/skills, and special considerations listed below.</li><li>● ITRI provides a scholarship in the form of a monthly stipend during regular semesters and an obligatory paid summer internship in the first year.</li><li>● After the first year, either the student or ITRI could unilaterally choose to discontinue the engagement.</li></ul> | <ul style="list-style-type: none"><li>● Student is hired by ITRI as a full-time employee and given the same benefits (e.g. vacation and housing) as other full-time employees.</li><li>● Student is provided funding to pursue a graduate degree at NTU.</li><li>● Student's thesis topic is related to his/her work and/or project at ITRI.</li></ul> |
| Focus Areas*             | <ul style="list-style-type: none"><li>● Systems Software, 5G Communications, Machine Learning, Virtual/Augmented Reality, Deep Neural Network, Drone, and Cyber Security</li><li>● LED, OLED, Photonics, Intelligent electronic and optoelectronic systems</li><li>● Bio-IT, Precision Medicine, Regeneration Medicine, Targeted Drug and Delivery, Botanical Drug</li><li>● Ecomaterials (Biomass, Biomimetics, Circular materials, Light materials)</li></ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                        |

|                        |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                            |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pay Scale              | <ul style="list-style-type: none"> <li>● Undergraduate student: NT\$25-35K/month</li> <li>● Master's student: NT\$35-45K/month</li> <li>● PhD student: NT\$40-65K/month</li> </ul> | <ol style="list-style-type: none"> <li>1. Scholarship: NT\$10K/month</li> <li>2. During summer/winter vacation full time internship at ITRI: <ul style="list-style-type: none"> <li>● Master's student: NT\$35-45K/month</li> <li>● PhD student: NT\$45-65K/month</li> </ul> </li> </ol>                                               | <ul style="list-style-type: none"> <li>● Master's student: NT\$35-48K/month</li> <li>● PhD student: NT\$48-65K/month</li> </ul>                                                                                                                                            |
| Housing                | Paid by ITRI                                                                                                                                                                       | At student's own expense (or NTU)                                                                                                                                                                                                                                                                                                      | At student's own expense (or NTU)                                                                                                                                                                                                                                          |
| Airport Transportation | Paid by ITRI                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                            |
| Airfare subsidy        | If the work period exceeds 10 full weeks, ITRI provides a round-trip airfare subsidy of up to NT\$40K.                                                                             |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                            |
| Obligations            |                                                                                                                                                                                    | <ol style="list-style-type: none"> <li>1. ITRI and NTU help each admitted student to identify collaborative research project topic, supervising professor and thesis project topic.</li> <li>2. There is no financial penalty or service obligation regardless of whether an admitted student completes the program or not.</li> </ol> | <ol style="list-style-type: none"> <li>1. The number of study hours at NTU per week is jointly decided by the supervising professor at NTU and the supervising manager at ITRI.</li> <li>2. One year of full-time service at ITRI after graduation is required.</li> </ol> |

\*The area and the number of the students in the joint cooperation program can be adjustable through the mutual agreement.