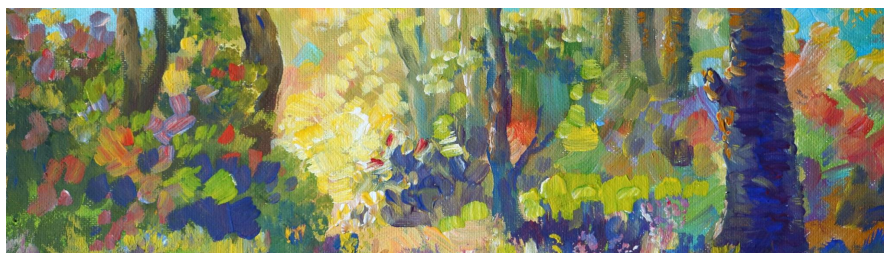




Group Onboarding



Group Onboarding

Update 更新: Jul 16, 2025

Creator 作者: 指導教授林之謙

Content 內容

Category 項目

[Meetings](#)

[Paper reading](#)

[Programming](#)

[Recommended Paper to start with](#)

[Your Information](#)

[113 Student Manual for Master's Degree Program](#)

Meetings:

- Individual meeting: Setup by year (Placeholder) 10–15 mins
- Group meeting: Setup by year (Placeholder) 45 mins

Paper reading:

At least three papers per week.

Use a google doc to document all the papers you read, and try to summarize them following the structure below:

- (a) What is the problem?
- (b) what is the significance of this problem?
- (c) what is the importance of the prior work?
- (d) what's the specific gap in knowledge this paper addresses?
- (e) objectives of this paper
- (f) research method – brief
- (g) validations
- (h) findings
- (i) what is not explored and left as future work (according to the paper)
- (j) your objective assessment of the paper

Please see the recommended papers to start with.

Register for Mendeley, I will add all the recommended papers in our group
(<https://www.mendeley.com/>)

Join google scholar or research gate and subscribe to researchers in the same area. For example, Mani Golparvar-Fard, Jacob J. Lin, Kevin Han, Rafael Sacks, Ioannis Brilakis, Fernanda Leite, Burcu Akinci, Martin Fischer (optional)

Programming:

Setup a github account: github.com

Environment setup:

- Get familiar with bash command and ubuntu
- Windows: install windows subsystem: [Install WSL | Microsoft Learn](#)

Recommended class:

Prepare for programming in python

- Python crash course:
 - ▶ Python for Beginners - Learn Coding with Python in 1 Hour
 - ▶ Python Crash Course For Beginners
- Python official tutorial: [Beginner's Guide to Python](#)

Prepare for computer vision

- CS231n Convolutional Neural Networks for Visual Recognition [CS231n](#) : check the course notes and start watching the lecture on youtube
- UIUC CS543 Computer Vision [Computer Vision \(CS 543 / ECE 549\) – Spring 2017](#)
- Richard Szeliski – Computer Vision: Algorithms and Applications, 1st ed. [Szeliski book: Computer Vision: Algorithms and Applications](#)
- ▶ [【python】4小時初學者Python教學 #python #python教學 #python入門](#)

Recommended Paper to start with:

1. A framework for model-driven acquisition and analytics of visual data using UAVs for automated construction progress monitoring JJ Lin, KK Han, M Golparvar-Fard - Computing in Civil Engineering 2015, 2015
[A Framework for Model-Driven Acquisition and Analytics of Visual Data Using UAVs for Automated Construction Progress Monitoring | Proceedings | Vol , No](#)
2. Lin, J.J. and Golparvar-Fard, M., 2018, June. Visual data and predictive analytics for proactive project controls on construction sites. In Workshop of the European Group for Intelligent Computing in Engineering (pp. 412-430). Springer, Cham.
[Visual Data and Predictive Analytics for Proactive Project Controls on Construction Sites | SpringerLink](#)
3. Lin, J.J. and Golparvar-Fard, M., 2020. Visual and virtual progress monitoring in Construction 4.0. In Construction 4.0 (pp. 240-263). Routledge.
[Visual and virtual progress monitoring in Construction 4.0 | 13 | Cons](#)
4. Ham, Y., Han, K.K., Lin, J.J. and Golparvar-Fard, M., 2016. Visual monitoring of civil infrastructure systems via camera-equipped Unmanned Aerial Vehicles (UAVs): a review of related works. Visualization in Engineering, 4(1), p.1.
[Visual monitoring of civil infrastructure systems via camera-equipped Unmanned Aerial Vehicles \(UAVs\): a review of related works](#)
5. Golparvar-Fard, M., Peña-Mora, F., Arboleda, C.A. and Lee, S., 2009. Visualization of construction progress monitoring with 4D simulation model overlaid on time-lapsed photographs. Journal of computing in civil engineering, 23(6), pp.391-404.
[Visualization of Construction Progress Monitoring with 4D Simulation Model Overlaid on Time-Lapsed Photographs | Journal of Computing in Civil Engineering | Vol 23, No 6](#)

6. Yang, J., Park, M.W., Vela, P.A. and Golparvar-Fard, M., 2015. Construction performance monitoring via still images, time-lapse photos, and video streams: Now, tomorrow, and the future. *Advanced Engineering Informatics*, 29(2), pp.211-224.
https://www.sciencedirect.com/science/article/pii/S1474034615000233?casa_token=FJf6moHLziEAAAAA:Q5gWI0h5IreGgid6YqcYqigiFZ0bH5cxwel4WlmeDBF_Y0fiAQYgrVpQMrTR3DwUZLT3gBCimHY
7. Han, K.K. and Golparvar-Fard, M., 2015. Appearance-based material classification for monitoring of operation-level construction progress using 4D BIM and site photologs. *Automation in construction*, 53, pp.44-57.
https://www.sciencedirect.com/science/article/pii/S0926580515000266?casa_token=4-kGRBvage0AAAAA:xqFdP5KNVZn0jhFxZP28ry4cvZt8C54lm7Obipjf9gmEHTSiYcgbWsmNTmvN5ejGS_aRTcddbhpM
8. Han, K., Degol, J. and Golparvar-Fard, M., 2018. Geometry-and appearance-based reasoning of construction progress monitoring. *Journal of Construction Engineering and Management*, 144(2), p.04017110.
[https://ascelibrary.org/doi/full/10.1061/\(ASCE\)CO.1943-7862.0001428?casa_token=fyhnAlulcqMAAAAA:ucZFAC3kKZL_s3i2RFbgVdrTWtlxssVidOhh_hke0X3ccwBTVmm87Fuof_3CH2oEZGpB9PMII5ok7RA](https://ascelibrary.org/doi/full/10.1061/(ASCE)CO.1943-7862.0001428?casa_token=fyhnAlulcqMAAAAA:ucZFAC3kKZL_s3i2RFbgVdrTWtlxssVidOhh_hke0X3ccwBTVmm87Fuof_3CH2oEZGpB9PMII5ok7RA)
9. Asadi, K., Ramshankar, H., Pullagurla, H., Bhandare, A., Shanbhag, S., Mehta, P., Kundu, S., Han, K., Lobaton, E. and Wu, T., 2018. Vision-based integrated mobile robotic system for real-time applications in construction. *Automation in Construction*, 96, pp.470-482.
https://www.sciencedirect.com/science/article/pii/S0926580518303625?casa_token=CEZHocZX-YAAAAA:ivIAB_GLHBa2_0Ts80o4oGNVi35elpUy_v6lELx3j9nirdgwcBhVWKGhzlGmNW7V284hhQJtJzvj
10. Sacks, R., Koskela, L., Dave, B.A. and Owen, R., 2010. Interaction of lean and building information modeling in construction. *Journal of construction engineering and management*, 136(9), pp.968-980.

[Interaction of Lean and Building Information Modeling in Construction | Journal of Construction Engineering and Management | Vol 136, No 9](#)

11. Sacks, R., Radosavljevic, M. and Barak, R., 2010. Requirements for building information modeling based lean production management systems for construction. Automation in construction, 19(5), pp.641-655.

[Requirements for building information modeling based lean production management systems for construction - ScienceDirect](#)

12. To be added

Your Information

Please fill in the form to let us know how can we contact you: [ConAPI demographic information](#)

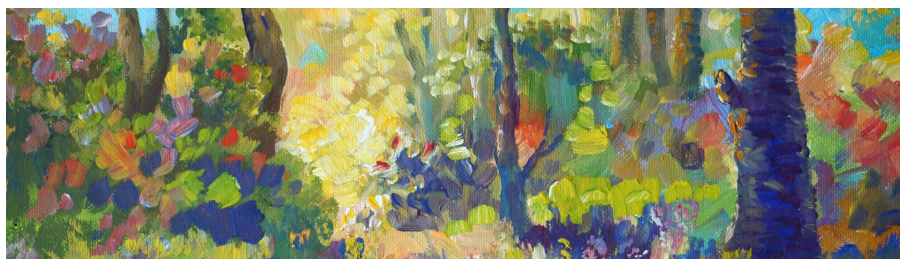
Please fill in this form to provide your personal information.

All survey data is for research purposes only and is only accessible to Professor Jacob and ConAPI manager. No one else can access this data to ensure the security of your personal information.



Oral Defense □

試



Oral Defense 口試

Update 更新: Jul 16, 2025

Creator 作者: 黎芳玲博士生 (指導教授: 林之謙) Linh Le

Content 內容

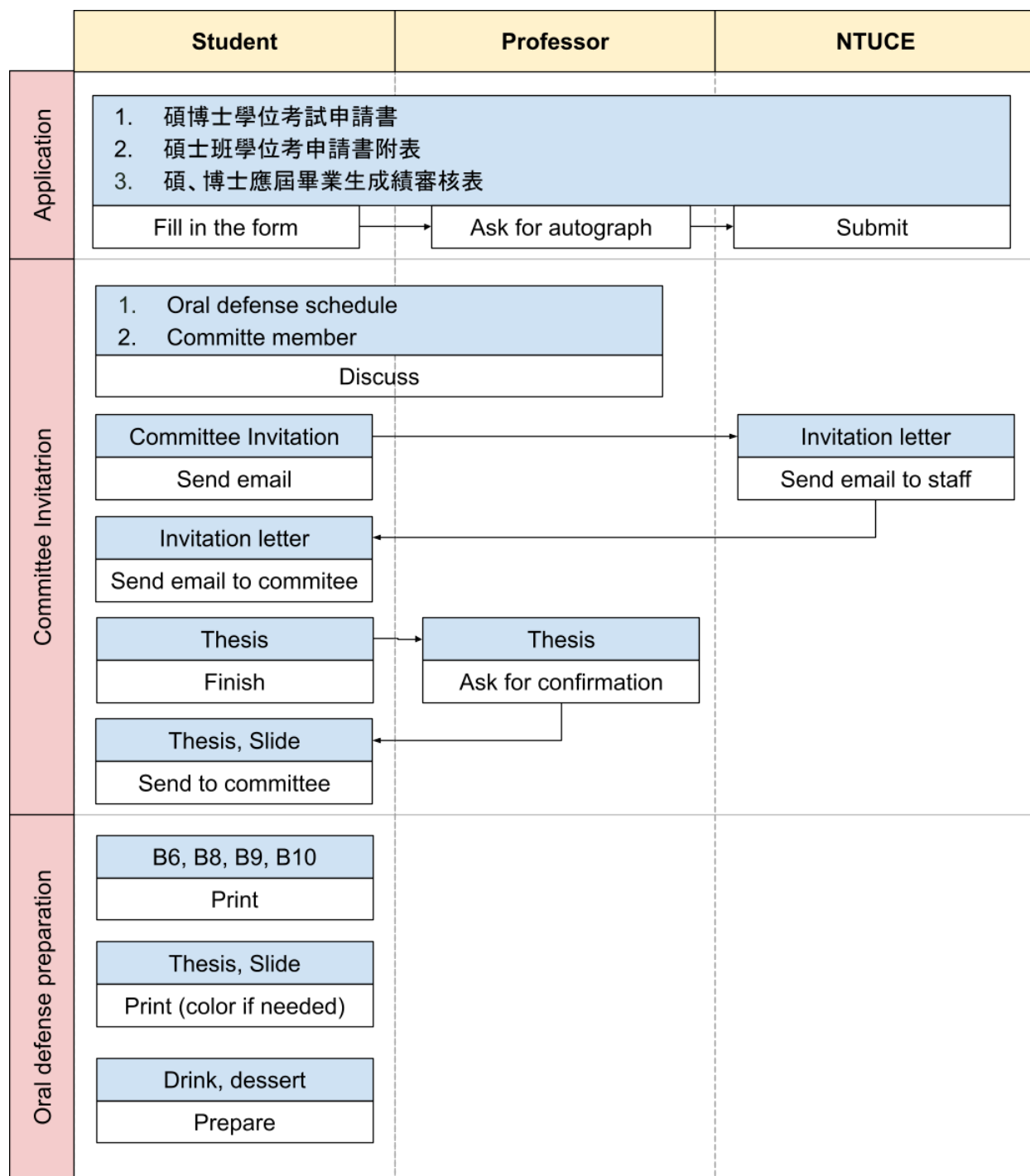
Category 項目

[Oral Defense Application](#)

[Oral Defense Committee](#)

[Before Oral Defense](#)

[After Oral Defense](#)



Oral Defense Application

Category 項目

[【B-1】國立臺灣大學土木工程學系研究所碩士班學位考流程](#)

國立臺灣大學碩博士學位考試申請書

Master Degree Examination Application Form 碩士班學位考申請書附表

Academic Achievement Record for Graduate Students 國立臺灣大學碩、博士應屆畢業生成績審核表

Oral Defense Committee

When professor Jacob accepts your thesis, you are starting to invite and apply for committee members.

Category 項目

[【B-4】表單](#)

[【B-5】List of Master Degree Examination Committee Members 委員名冊\(請印出給指導老師簽名繳回\)](#)

國立台灣大學聘函(每位口委一份)

Invite Committee Members

Invitation Letter 誠摯地邀請您擔任台大土木系營管組碩士畢業口試委員

周○○ 教授 您好

首先, 謹代表我的指導老師林之謙教授向您致以最誠摯的問候。

我是林之謙老師的碩士指導學生○○○, 目前就讀於台大土木系營管組, 並即將完成碩士學位論文的研究工作。

因為您在土木領域的傑出貢獻和專業素養，我非常希望能邀請您擔任我的碩士畢業口試委員。我深信，您的學識和經驗將對我們的研究工作提供寶貴的指導和建議。

我的碩士論文題目是「**000**」，該研究旨在**000**。

我們希望能在口試中向您展示所取得的成果，並從您寶貴的意見中獲得進一步的指教。

碩士畢業口試預計於**7/3下午、7/4整日、7/5上午、7/7整日舉行**，總時長約**3小時**，想跟您詢問您可以出席的時間，我們將儘快向您提供確定的口試時間和地點，期待與您討論我們的論文研究並得到您的指教。

最後，再次誠摯地邀請您的參與，請您回復確認，以便我能進一步安排。祝教學工作順利、身體健康。

台大土木營管組碩士生 **000** 敬上

Location and Schedule Confirmation 台大土木系營管組碩士畢業口試時間地點通知

周00 教授 您好

非常感謝**周老師**願意撥冗擔任口試委員，在此，我希望通知您有關口試的時間和地點：

時間：**202X年MM月DD日，下午A點至下午A點。**

地點：**土木研究大樓702會議室**（地址：辛亥路三段188號）。

我們會在口試前向您提供一份完整的論文及相關資料，請問老師是否需要紙本抑或是電子檔即可。

再次感謝您對我的研究工作表示關注和支持。如果您有任何問題或需要進一步的資訊，請隨時與我聯繫。期待在口試當天與您見面，並得到您的寶貴意見。

順祝教學工作順利、身體健康

台大土木營管組碩士生 **000** 敬上

Send out your Thesis and School Invitation to Committee members

周00 教授 您好

非常感謝**周老師**撥冗擔任口試委員，附件中是我的論文，希望能讓老師您在口試前充分了解我的研究。

也再次通知您有關口試的時間和地點：

時間：202X年MM月DD日，下午A點至下午A點。

地點：土木研究大樓702會議室（地址：辛亥路三段188號）。

另外附件中也包含由系辦公室開立的聘書與停車證，請查收

再次感謝您對我的研究工作表示關注和支持。如果您有任何問題或需要進一步的資訊，請隨時與我聯繫。期待在口試當天與您見面，並得到您的寶貴意見。

順祝教學工作順利、身體健康

台大土木營管組碩士生 OOO 敬上

Send out your Slides to Committee members

周OO 教授 您好

非常期待與您今天的相會

希望能再次通知您今天口試的時間和地點：

時間：202X年MM月DD日，下午A點至下午A點。

地點：土木研究大樓702會議室（地址：辛亥路三段188號）。

附件中是今天的簡報，希望能讓老師您在口試前充分了解我的研究

再次感謝您對我的研究工作表示關注和支持。如果您有任何問題或需要進一步的資訊，請隨時與我聯繫。

祝您路途順利

台大土木營管組碩士生 OOO 敬上

Before Oral Defense

Category 項目

[【B-6】Timetable for Thesis Defense 考試時間表（便當報帳使用）](#)

[【B-7】Notice for Recorders of Thesis Oral Defense](#)

[【B-8】Thesis/ Dissertation Defense Grade Sheet \(every member\) 口試紀錄表](#)

Category 項目

[【B-9】Master/ Doctor Degree Dissertation Examination Grading Sheet \(every member\)](#) 考試評分表(每位口委1張)

[【B-10】Thesis Acceptance Certificate](#) 口試委員會審定書(自行調整&美化版面)

營管組○○○碩士學位考試收據

After Oral Defense

Category 項目

[【B-11】Final Version of Thesis/Dissertation Confirmation Form](#)

[【B-12】Originality Comparison](#)

[【B-13】NTUCE Graduation Checklist](#)

[【B-14】Turnitin Guideline](#)



Thesis Writing

論文寫作



Thesis Writing Instructions 論文寫作教 學

Update 更新: Mar 8, 2025

Creator 作者: 黎芳玲博士生 (指導教授: 林之謙) Linh Le

Content 內容

Category 項目

File

[Thesis Structure 論文架構](#)

[Thesis Structure 論文架構](#)

[Endnote Citation 引用](#)

[Endnote Citation 引用軟體](#)

[Word Template 範本](#)

[Word Template Word模板](#)

[Overleaf 範本](#)

[Overleaf Template Overleaf模板](#)

[Reference 文獻尋找工具](#)

[Reference 文獻尋找工具](#)

Thesis Structure 論文架構

Verification Letter from the Oral Examination Committee 口試委員會審定書

- Print Letter before your Oral Exam 口試前需要準備好審定書
- Committee members will sign on your oral exam day and transfer to the Department Office 口試委員在您的口試結束後簽名，您的指導老師會轉給系辦處理
- You can take this letter from the Department after your advisor approve your final thesis 通過老師檢驗您的論文之後，您可以向系辦拿回審定書
- This letter should be attached with your thesis when you submit thesis to the NTU library 繳交論文時需要含本審定書

Acknowledgements 誌謝

- Thanks for professors 感謝老師。。。。

Chinese Abstract 中文摘要

English Abstract 英文摘要

Table of Contents 目錄

List of Tables 圖目錄

List of Figures 表目錄

Chapter 1: Introduction 第一章: 緒論

- Background and Motivation 研究背景與動機
- Problem Statement 問題討論
- Research Objectives 研究目的
- Research Scope 研究範圍
- Research Methodology Summary 研究方法
- Thesis structure 論文架構

Chapter 2: Literature Review 第二章: 文獻回顧

- 研究相關文件
- Research Gaps 研究缺口
- Research Questions and Objectives 研究問題與目的

Chapter 3: Research Methodology 第三章: 研究方法

- 研究流程
- 方法討論 (問卷調查、專家訪談、實驗、案例分析、DELPHI、TOPSIS、深入學習)

Chapter 4: Experiment, Case Study 第四章: 實驗、案例分析

- Experiment setup, Case study introduction 實驗流程、案例介紹

Chapter 5: Results and Discussion 第五章：研究結果、討論

- Result presentation 結果展示
- Discussion 結果討論

Chapter 6: Conclusion 第六章：研究結論

- Research Conclusion 研究結論
- Limitations 研究限制
- Future works 後續研究建議

References 參考文獻

Appendix 附錄

Endnote Citation 引用軟體

Step 1: Endnote installation 軟體安裝

- NTU provide software installation file 學校提供軟體安裝檔：[Click here 點我](#)
- Click Endnote 請選擇書目管理軟體 (Mac/Windows)



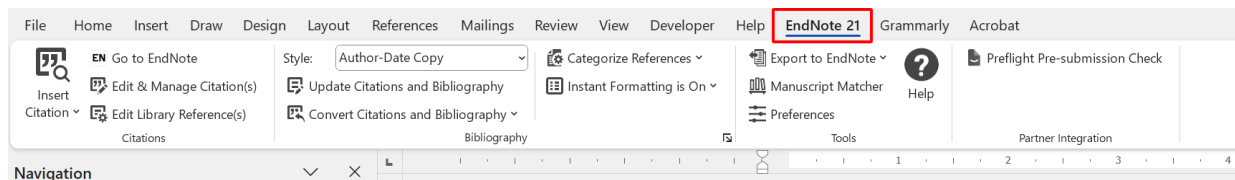
軟體下載

請下載 7-zip 來解壓縮zip檔案

工具程式 Utility 文書處理Office 作業系統Windows 書目管理EndNote 統計軟體Statistic

檔案連結	版本
EndNote 21 書目管理軟體	Mac
EndNote 21 書目管理軟體	Windows
EndNote 20.4 書目管理軟體	Mac
EndNote 20.4 書目管理軟體	Windows
EndNote 20.1 書目管理軟體	Windows
EndNote 20.1 書目管理軟體	Mac
EndNote X9 書目管理軟體	Mac
EndNote X9 書目管理軟體	Windows

- Run Endnote Installation 安裝軟體
- Embed Endnote in Word (if you successfully installed, Endnote will appear in your Word) 納入書目管理軟體到Word (安裝成功會自動納入)



Endnote only has English version 目前Endnote只有英文版還沒有中文版

Step 2: Download Reference file 下載引用檔案

National Digital Library of Theses and Dissertations in Taiwan 臺灣博碩士論文知識加值系統: [Click here 點我](#)

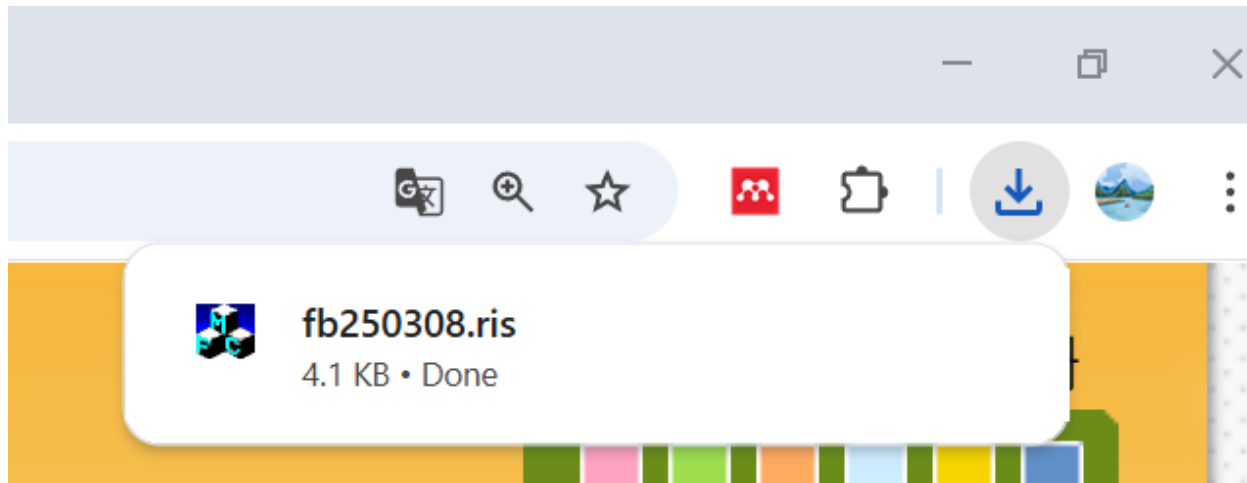
The screenshot shows the NDLTD Taiwan homepage. The search bar is at the top left. The sidebar on the right lists 'Popular Theses' with a table of top results. The main content area includes a 'Simple Search' section with various filters and a 'Latest News' section with recent updates.

名次	學校名稱	已授權全文	書目
1	國立清華大學	355	390
2	國立臺北科技大學	342	350
3	國立高雄科技大學	265	277
4	國立中正大學	260	263
5	國立雲林科技大學	236	240

- Search your preference 掃你需要的文件
- Download the reference file: 下載引用檔案

The screenshot shows the NDLTD Taiwan search results page. The search results are listed in a table with columns for title, author, and download links. A sidebar on the right contains 'Output Management' options, including 'Export to RIS format' and 'Export to PDF'.

全選	書目資料(有 1 者, 表示該論文之電子全文已獲授權於網際網路開放免費下載。)
☒	1. 建築工地安全影像監測初步規劃 國立臺北科技大學 / 土木工程系土木與防災碩士班 / 113 / 碩士 / 工程學門 / 土木工程學類 研究生: 邱昱勝 指導教授: 楊元森 論文種類: 學術論文 電子全文 被引用: 0 點閱: 15 資料: 1 下載: 0 書目收藏: 0
☐	2. 建築工地安全管理數位系統設計與應用之探討 國立清華大學 / 學習科學與科技研究所 / 112 / 碩士 / 社會及行為科學學門 / 綜合社會及行為科學學類 研究生: 徐志揚 指導教授: 王鼎銘 論文種類: 學術論文 電子全文 被引用: 0 點閱: 24 資料: 1 下載: 5 書目收藏: 0
☐	3. 建築工程BIM輔助工地安全管理應用模式之研究



- Open the ris file, it will go directly to your Endnote 打開檔案, 檔案直接納入到您的目數管理軟體(endnotes)

EndNote 21 - My EndNote Library.enl

File Edit References Groups Tags Library Tools Window Help

Sync Configuration

All References 2

Imported References 1

Recently Added 1

Unfiled 2

Trash

MY GROUPS

My Groups

MY TAGS

FIND FULL TEXT

GROUPS SHARED BY O...

ONLINE SEARCH

Jisc Library Hub Discover

Library of Congress

PubMed (NLM)

Web of Science Core C...

Imported References

Advanced search

Imported References

1 Reference

Author	Year	Title	Journal	Last Updated	Reference Type
邱昱麟	2025	建築工地安全影像監測初步規劃	土木工程系土木與防災碩士班	3/8/2025	Thesis

Summary Edit PDF

+ Attach file

建築工地安全影像監測初步規劃

邱昱麟

國立臺北科技大學 碩士 2025

<https://hdl.handle.net/11296/crbn8u>

前期規劃對於工程專家至關重要，隨時監測並掌握施工措施與鄰近建物的結構健康狀態是必須執行的安全監測工作。傳統的施工措施多採用傾斜管進行監測，鄰近建物則利用結構傾斜計設置，並由現場人員定期蒐集數據後再進行內業分析與報告製作；由於過程多半仰賴人工處理，通常在取得監測報告時，所看到的數據已是約一週前的狀況，無法即時反映現場真實情形，導致在安全管理上產生監測的空窗期。一旦初期結構裂縫或位移異常正好發生在這段空窗期內，便難以及時被察覺與處理。本研究假設性地將工地縮時攝影與影像監測系統結合，透過示意圖面進行建築工地安全影像監測的初步規劃，未來若能開發對應軟體並在傳統監測數據處理的空窗期間運行，即可為工地安全多提供一套成本相對較低的即時預警系統，爭取更多時間進行現場評估與安全補救。需要特別強調的是，本研究目的並非取代傳統監測，而是希望透過影像監測的即時性，補足傳統

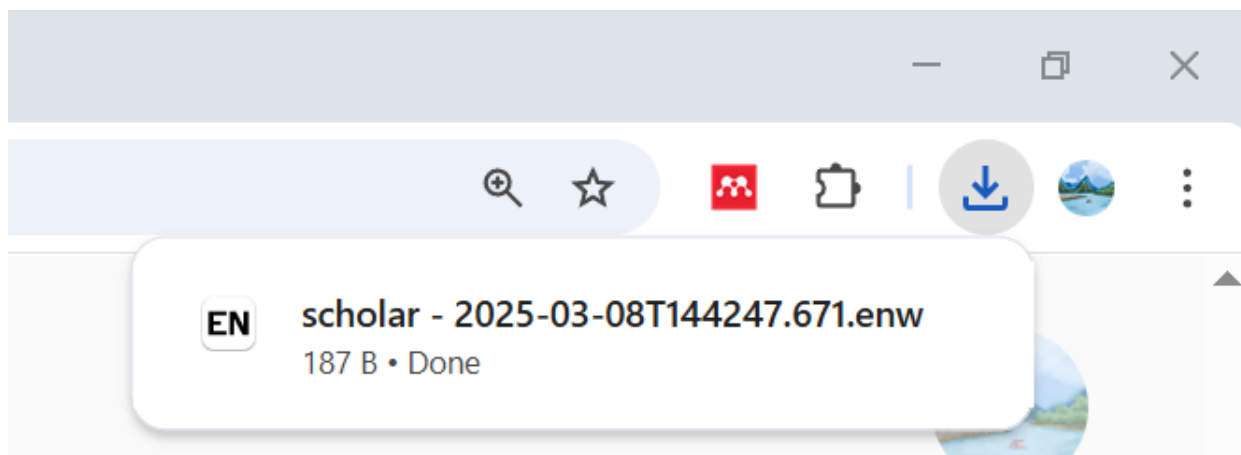
APA 7th Insert Copy

Google Scholar [Click here](#) 點我

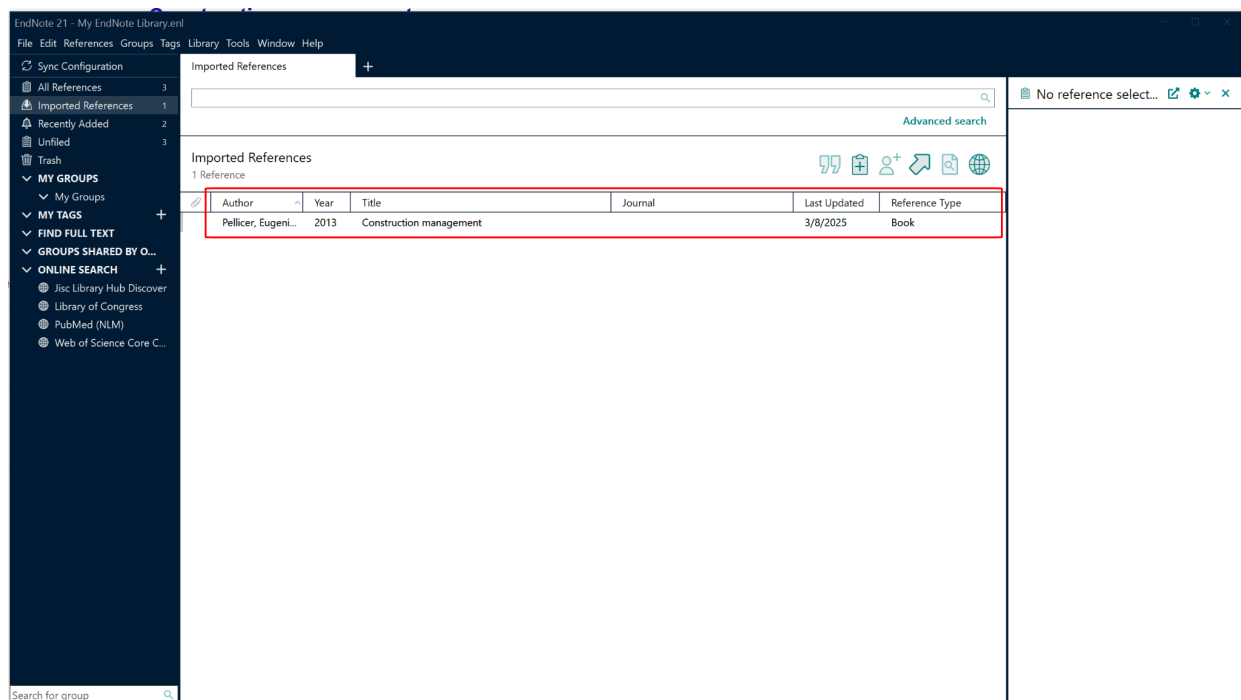
The screenshot shows the Google Scholar interface with the search term "construction management". The results list several books, including "Construction management" by E. Pellicer, V. Yepes, J.C. Teixeira, HP Moura, J Catalá (2013), "Modern construction management" by F. Harris, R. McCaffer, A. Baldwin, F. Edum-Fotwe (2020), and "Construction management in practice" by R.F. Fellows, D. Langford, R. Newcombe, S. Urry (2009). The interface includes filters on the left for time, relevance, language, and type, as well as options to save, cite, and create alerts.

- Search your preference 掃你需要的文件
- Download the reference file: 下載引用檔案

This screenshot is similar to the first one but includes a "Cite" popup window. The popup displays citation information for the first result, "Construction management" by Pellicer, Eugenio, et al. It lists various citation styles: MLA, APA, Chicago, Harvard, and Vancouver. The "EndNote" option is highlighted with a red box and a red number 2. Below the citation styles, there are links for "BibTeX", "EndNote", "RefMan", and "RefWorks".



- Open the enw file, it will go directly to your Endnote 打開檔案, 檔案直接納入到您的目數管理軟體(endnotes)



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Outline
Highlights
Abstract
Keywords
1. Introduction
2. Research methodology and hypothesis
3. Production and information management in L...
4. VisiLean based upon IoT standards
5. Scenarios and opportunities to use the enhanc...
6. Discussion and future research
7. Conclusion
References
Show full outline

Cited by (230)

Figures (8)

Automation in Construction
Volume 61, January 2016, Pages 86–97

Opportunities for enhanced lean construction management using Internet of Things standards

Bhargav Dave^a, Sylvain Kubler^a, Kary Frimling^a, Lauri Koskela^b

https://doi.org/10.1016/j.autcon.2015.10.003

Save to Refworks
Export citation to RIS
Export citation to BibTeX
Export citation to text

Highlights

- IoT standards are considered to enhance lean construction management systems.
- The proposed framework helps to improve information flow throughout the construction project, and beyond
- Major opportunities and challenges of developing such a framework are detailed

Recommended articles

Construction resource efficiency improvement by Long Range Wide Area...
Automation in Construction, Volume 116, 2020, Article...
J. Teizer, ..., J. Lerche
View PDF

Customization of on-site assembly services by integrating the internet of things and...
Automation in Construction, Volume 126, 2021, Article...
Jason Xin Zhou, ..., Xin Jin
View PDF

Interactions of Building Information Modeling, Lean and Sustainability on the...
Journal of Cleaner Production, Volume 174, 2018, pp. 7...
Pedro Sáez, ..., Rodrigo Goyannes Gusmão Calado
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Journal of Management in Engineering / List of Issues / Vol. 33, No. 4

Lean Construction: From Theory to Implementation

Authors: D. Hwang, D. Hwang, J. Hwang, J. Hwang, J. Hwang

Published: Journal of Management in Engineering / Volume 33, Issue 4 / November 2019

15842 / 234

Abstract

This article compares the techniques developed for lean construction with those developed for lean manufacturing. Lean manufacturing and lean construction techniques share many common elements despite the obvious differences in their assembly environments and processes. Manufacturing plants and construction sites are different in many ways that might explain why lean production theories and practices do not fully fit the construction industry. Through many lean construction tools and elements are still in an embryonic state, lean construction techniques are gaining popularity because they can affect the bottom line of projects. Additionally, this paper presents a study of a construction project in which specific lean construction elements were tested. Each technique was evaluated in terms of its impact on the performance of the project. Based on the findings of the study, a new "lean assessment tool" is proposed to quantify the results of lean implementations. The assessment tool evaluates six lean construction elements: last planner, increased visualization, huddle meetings, first-run studies, five S's, and fall safe for quality. This paper provides a simple and comprehensive approach that is transferable to any construction project.

Journal of Management in Engineering
Volume 33, Issue 4
November 2019

Abstract

Introduction
The Development of the Construction Process
The Lean Construction Framework
Techniques in Lean Manufacturing
Moving from Lean Manufacturing to Lean Construction
Case Study

Metrics & Citations

Metrics Citations

DOWNLOAD CITATION

If you have the appropriate software installed, you can download article citation data to the citation manager of your choice. Simply select your manager software from the list below and click Download.

RIS (ProCite, Reference Manager)
Direct Import
Download 36 for downloading citations

CITED BY

PDF

Step 3: Cite While You Write 在您的論文引用

- From Endnote choose the documents you want to cite. You can choose more than one document 在Endnote選擇您想要引用的文件，您可以多選

The screenshot shows the EndNote 21 interface. On the left is a sidebar with navigation options like 'All References', 'Imported References', and 'MY GROUPS'. The main window displays a list of references under the 'All References' tab. The list includes columns for Author, Year, Title, Journal, Last Updated, and Reference Type. Three references are listed:

Author	Year	Title	Journal	Last Updated	Reference Type
Choi, Jungsik; KL...	2015	Open BIM-based quantity take-off system for schem...	Journal of Computational Design an...	6/20/2023	Journal Article
Pellicer, Eugeni...	2013	Construction management		3/8/2025	Book
邱登顯,	2025	建築工地安全影像監測初步規劃	土木工程专业学术国际研讨会	3/8/2025	Thesis

On the right, a 'Summary' pane is visible for the selected document '建築工地安全影像監測初步規劃' by 邱登顯, published in 國立臺北科技大學 碩士 2025. It includes a URL and a preview of the document's content.

- Cite in your thesis 在您的論文檔引用文件

The screenshot shows the Microsoft Word interface. The 'Insert' tab is active, and the 'Citations' group is expanded, showing options like 'Insert Citation...', 'Insert Selected Citations...', 'Insert Quote...', and 'Insert Figure...'. A red box highlights the 'Insert Selected Citations...' option, and a red number '3' is next to it. Below the menu, a paragraph of text is shown with a citation placeholder:

近十年來，營建產業的數位轉型已成為產、官、學界共同努力的目標。在技術層面，BIM（建築資訊模型）及影像識別技術日趨成熟，結合臺灣現有的硬體感測設備優勢，應用於工程安全與進度管控等領域，已逐漸展現實際工程中的執行成效。 1 Choose citation position 選擇您需要引用的位置

- Successfully cite in your thesis 成功引用



Word Template Word範本

- Word NTU Library Instruction 臺大博碩士論文寫作指引 [Click here 點我](#)
- Students' Thesis for your reference 學生模板給您參考：
(updating)

Overleaf Template Overleaf範本

- LaTeX NTU Library Instruction 臺大博碩士論文寫作指引 [Click here 點我](#)

Step 1: Create your Overleaf account 註冊你的 Overleaf 帳戶 [Click here 點我](#)

Step 2: Adopt National Taiwan University Master and Doctor Thesis Template 採用台大工學院碩博士論文模板 [Click here 點我](#)

The screenshot displays the Overleaf website interface. At the top, the Overleaf logo is on the left, and navigation links for 'Features & Benefits', 'Templates', 'Plans & Pricing', 'Help', 'Projects', and 'Account' are on the right. The main content area shows a template card for '台大工學院碩博士論文模板 (National Taiwan University Master and Doctor Thesis Template)'. The card includes a green 'Open as Template' button, a 'View Source' button, and a 'View PDF' button. Below these buttons, the card lists the author (Yi-Han, Hsiao), last updated date (3 years ago), license (Creative Commons CC BY 4.0), and abstract (Revision of 'National Taiwan University Thesis Template'). It also shows tags for 'International Languages', 'University', 'XeLaTeX', 'Theses', 'Chinese', and 'National Taiwan University'. To the right of the card is a preview of the thesis template, which includes the university name, department, college, and fields for the thesis topic, author name, advisor name, and date.

← Back to all templates

台大工學院碩博士論文模板
(National Taiwan University Master and Doctor Thesis Template)

[Open as Template](#) [View Source](#) [View PDF](#)

Author: Yi-Han, Hsiao
Last Updated: 3 years ago
License: Creative Commons CC BY 4.0
Abstract: Revision of "National Taiwan University Thesis Template"
<https://www.overleaf.com/latex/templates/national-taiwan-university-thesis-template/twfybyfxgzt>

Tags: [International Languages](#) [University](#) [XeLaTeX](#) [Theses](#)
[Chinese](#) [National Taiwan University](#)

國立臺灣大學工學院工程科學與海洋工程所
碩士論文
Department of Engineering Science and Ocean Engineering
College of Engineering
National Taiwan University
Master Thesis

你的論文題目
Your Thesis Topic

你的名字
Your Name

指導教授: 教授的名字 博士
Advisor: Your Advisor's Name Ph.D.

中華民國 111 年 5 月
May, 2022

- Students' Thesis for your reference 學生模板給您參考：
(updating)

Reference 文獻尋找工具

Scite.ai [Click here](#) 點我

The screenshot shows the Scite.ai interface. The search bar contains the text "Construction safety current state in Taiwan". The results page displays a list of papers. The first paper is titled "Fact-checking my answer to make sure it is correct, hang on... (11/10)" and is authored by Hsieh et al. [10]. The paper discusses the current state of construction safety in Taiwan, highlighting the complexity of regulatory frameworks, workplace culture, and the efficacy of safety management practices. It also mentions the need for improvement in Taiwan's construction safety landscape, particularly in the regulatory framework governing occupational safety and health (OSH). The paper is cited by 10 other papers, and the citation is marked as "Supports" (green checkmark).

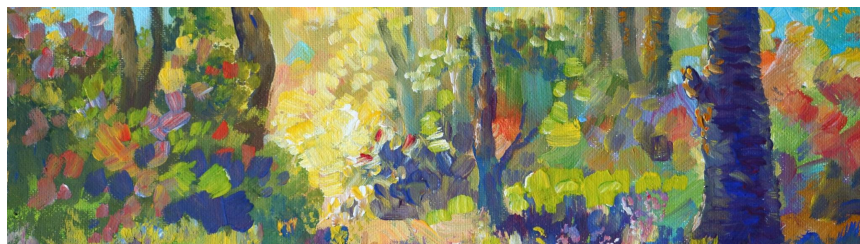
Scispace [Click here](#) 點我

The screenshot shows the Scispace interface. The search bar contains the text "Construction site safety". The results page displays a list of papers. The first paper is titled "1. Construction Safety Management: Analyzing the Effectiveness of Safety Training Programs on Job Sites" and is authored by Akshay Remy Aravind. The paper discusses the effectiveness of safety training programs in construction sites. The paper is cited by 66 other papers, and the citation is marked as "Supports" (green checkmark).



Leaving ConAPI

畢業流程



Leaving ConAPI 畢業流程

Update 更新: Jul 16, 2025

Creator 作者: 黎芳玲博士生 (指導教授: 林之謙) Linh Le

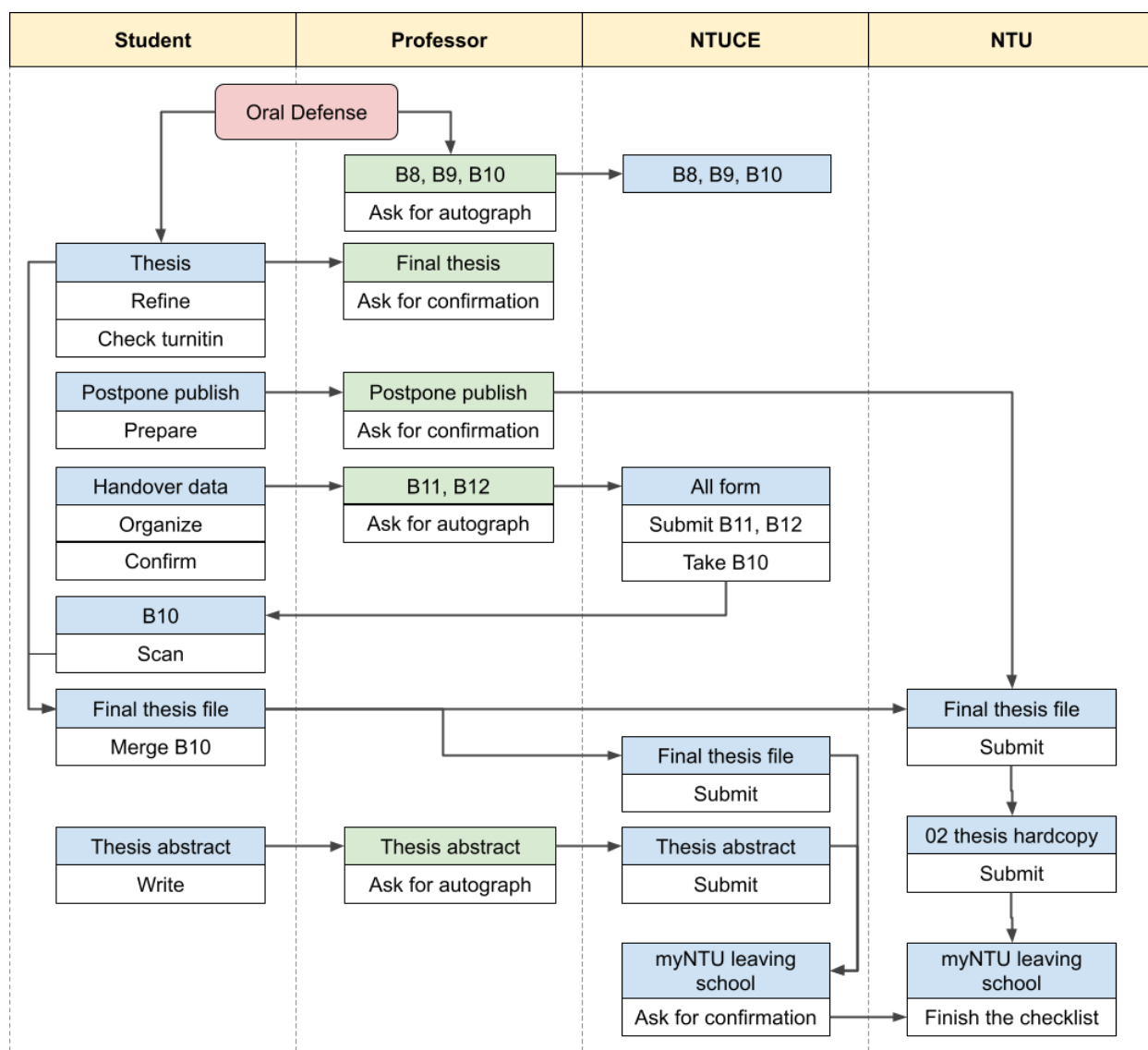
Content 內容

Category 項目

[Leaving ConAPI](#)

[Leaving NTUCE](#)

[Leaving NTU](#)



For the form stated in the graph, you can refer to the [Oral Defense](#) instruction.

Leaving ConAPI 離ConAPI研究室

Congratulations on your research journey. You need to handover your data before leaving ConAPI. Please follow these two checklists to organize your data, save it in an USB or drive. Send your USB or drive link to **ConAPI**. After **ConAPI** confirmed, professor Jacob will sign your **B11 Final Version of Thesis/Dissertation Confirmation Form**.

Individual Research

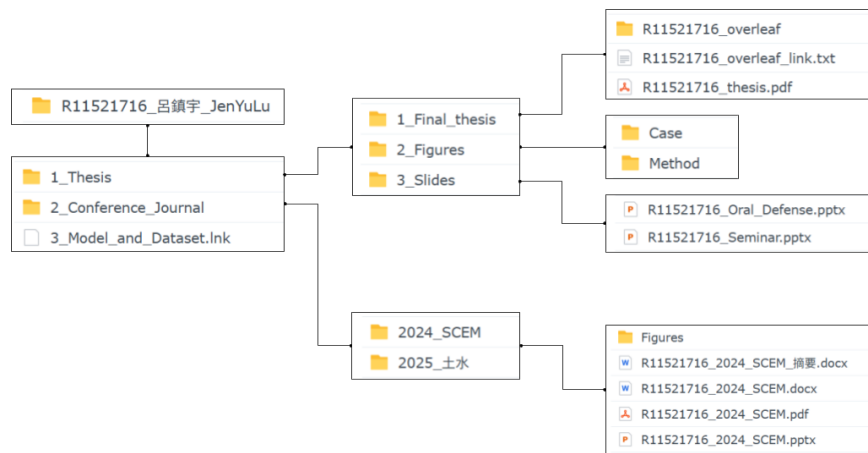
For individual research, please upload the following contents.

If the file is duplicate (Preferentially save in the project folder), and create a .txt to show the file path in your individual research folder:

Checklist

Order	Document	File format	Name (your ID_doc)
1. Thesis	Final version of your thesis	.pdf	R12521021_thesis
	Final version of your thesis	Overleaf folder Overleaf link or .doc	R12521021_overleaf R12521021_overleaf_link or R12521021_thesis
	All figures in high quality	Folder .png	Images are named following its order in your thesis
	Slides - Last seminar - Oral defense	Folder .pptx	R12521021_Seminar R12521021_Oral_Defense
2. Publications	Create sub folder for your conference or journal paper	Folder	2025_SCEM
	Full text of your paper	.pdf	R12521021_2025_SCEM
	Full text of your paper	overleaf link or .doc	R12521021_2025_SCEM
	Conference slide or Poster	.pptx or .pdf	R12521021_2025_SCEM

Order	Document	File format	Name (your ID_doc)
3. Materials	Open-source datasets	Folder	2025_ACID
	Homemade datasets	Folder	2025_CCTVdataset
	Model - Source code - Github	Folder	2025_PPEdetection
	Others 1. BIM models 2. Drawings 3. Images 4. Point clouds		Name those following its origin



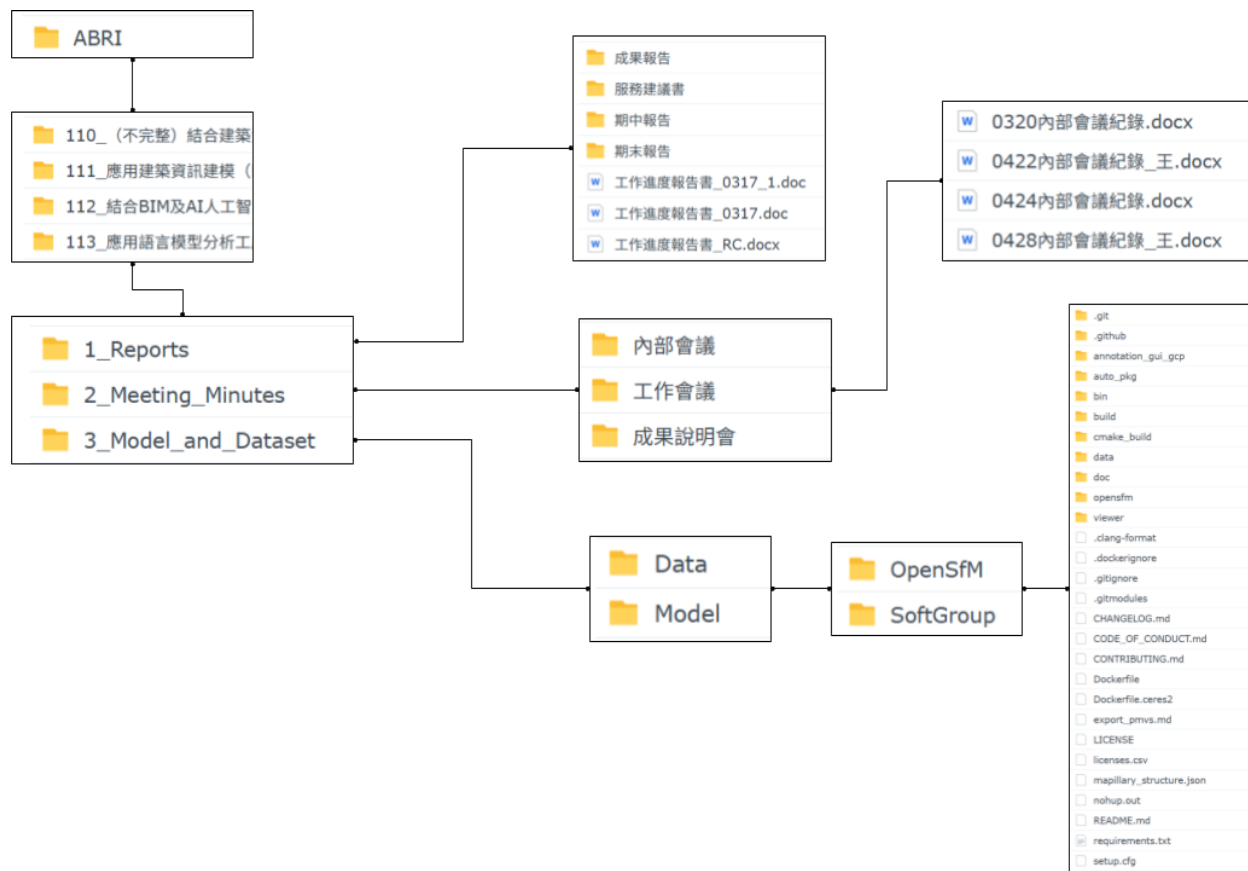
Project: (by years)

If you participate in ConAPI Projects, please create folders for every project organized by years. For example: Brinno – 2025.

Checklist

Order	Document	File format	Name (your ID_doc)
1. Report	Proposal	.pdf and .doc	2025_Brinno_proposal
	Report	.pdf and .doc	2025_Brinno_final
	Proposal slides	.pptx	2025_Brinno_proposal
	Report slide	.pptx	2025_Brinno_final
2. Meeting	Slides	.pptx	
	Minutes		

Order	Document	File format	Name (your ID_doc)
	Tracking issues		
3. Materials	Open-source datasets	Folder	2025_ACID
	Homemade datasets	Folder	2025_CCTVdataset
	Model	Folder	2025_PPEdetection
	- Source code - Github		
	Others		Name those following its origin
	5. BIM models		
	6. Drawings		
	7. Images		
	8. Point clouds		



Leaving NTUCE 離土木系

There are four steps you need to finish:

To check progress by yourself: [研究所學生離校程序](#)

1. Questionnaire for Graduates:

<https://reurl.cc/eELYy7> Please submit the Questionnaire for Graduates and provide contact information. After completing the questionnaire, please notify the related assistant:

CEM: Yi-Ling Chiang, yttek@ntu.edu.tw

CAE: Kuei-Hong Chen, icare@ntu.edu.tw

2. Thesis files submission

Upload the thesis PDF files to <https://reurl.cc/jGaG3M>

Document	File format	Name (CEM_your ID_doc)
Full text of thesis/dissertation (including B10)	.pdf	CEM_Student ID_Name_Full Text
Thesis abstract (4-10 pages, the first page must include the signature of Professor Jacob)	.pdf	CEM_Student ID_Name_Abstract

3. Cleaning research room:

CERB 613: Xin-Jia Chen 33669052

4. Ask for confirmation on myNTU

After fulfilling the Dept. school-leaving procedure, please email to Ms.
Hsiao-Mei Liu (mayliu@ntu.edu.tw)

Leaving NTU 離臺大

1. Submit thesis to NTU Online Library system
2. Print your thesis, submission confirmation and submit to NTU Library
3. Finish your leaving procedure on myNTU



Server User



Server

Update 更新: Jul 16, 2025

Creator 作者: 黎芳玲博士生 (指導教授: 林之謙) Linh Le

Content 内容

Category 項目

[Server information](#)

[Server user status](#)

[Server user application](#)

[Start to use](#)

[FAQ](#)

Server Information

Server	Status	GPU	Driver	CUDA	Ubuntu	SSD	HDD
176	in use ▾	NVIDIA GeForce RTX 3090	530.30.02	12.1	20.04	125G	14T (used 9.1T, free 4.1T, 70%)
187	in use ▾	NVIDIA GeForce RTX 3090	570.86.15	12.8	20.04	125G	14.6T
199	in use ▾	NVIDIA GeForce RTX 3090			20.04		
212	in use ▾	NVIDIA GeForce RTX 3090	510.108.03	11.6	18.04	125G	9.1T (used 2.4T, free 6.3T, 28%)
5090	in use ▾	NVIDIA GeForce RTX 5090					

Server User Status

Server	Status	User
176	in use ▾	
187	in use ▾	

Server	Status	User
199	in use ▾	
212	broken ▾	

Server User Application

- If you would like to register for an account in any server, please fill in this form: [Server account registration](#)
- Inform server manager for account creation: ConAPI

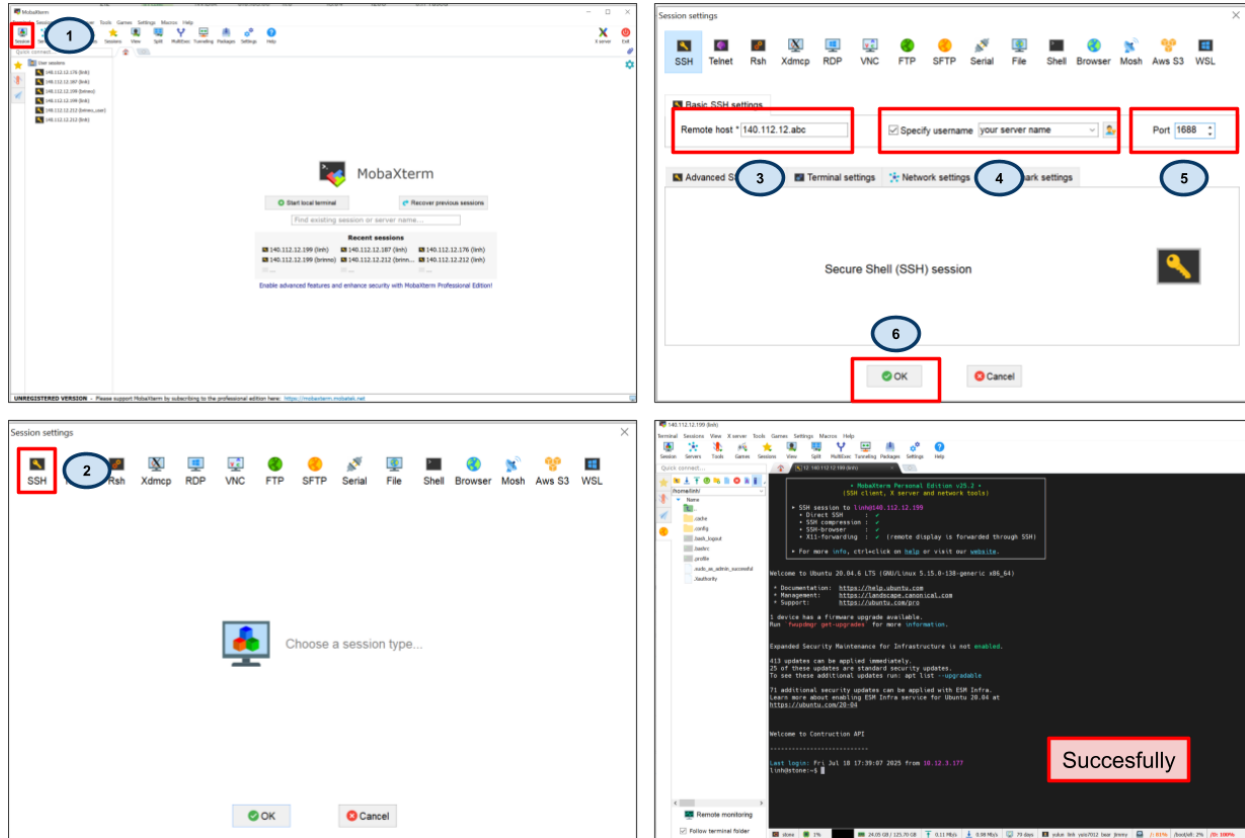
Start to use

MobaXterm

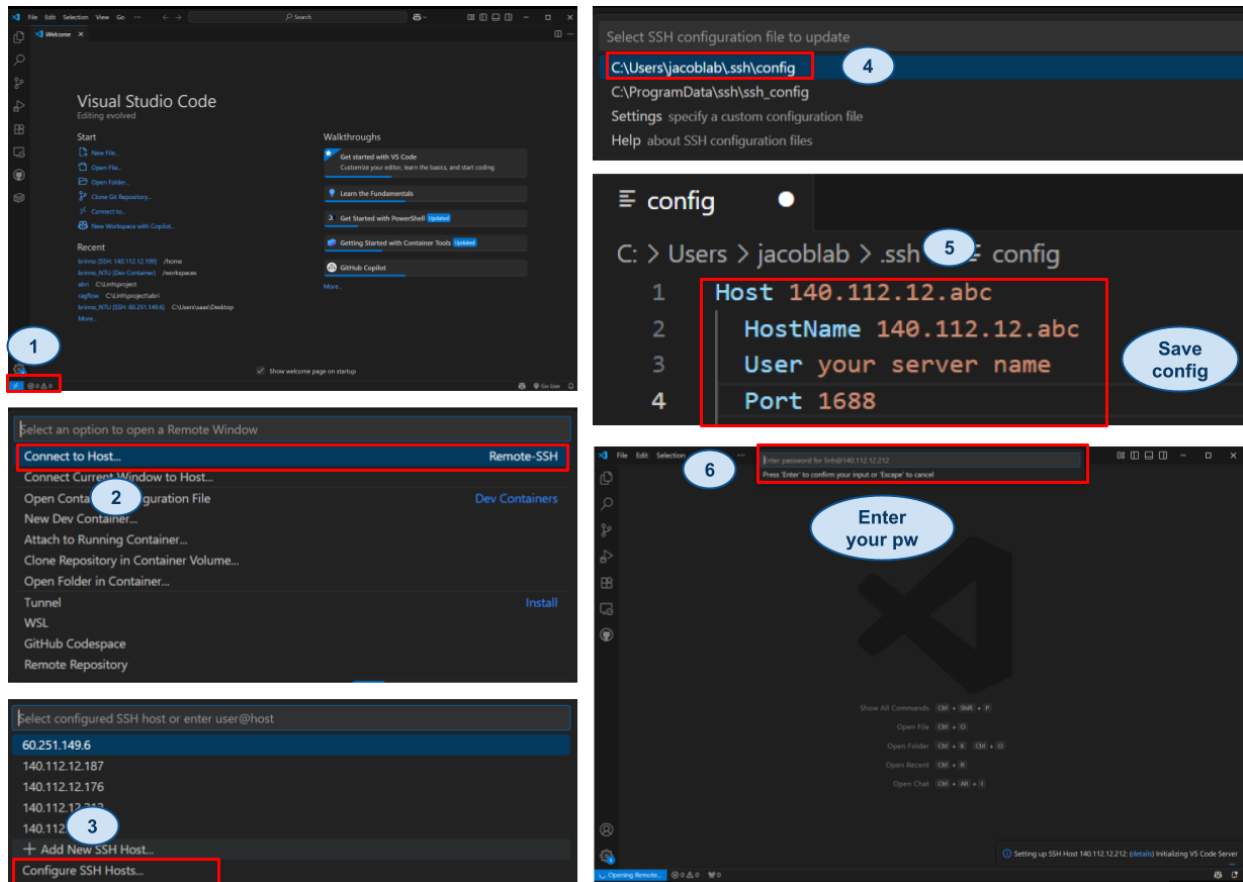
- Installer Edition [Click here](#)
- Install MobaXterm

Login to your server

Via MobaXterm



Via VSCode



FAQ

1. Why can't I connect to my server?
2. I forgot my password
3. Who is using the GPU?
4. I don't have enough space for training my model.



Devices



Devices

Update 更新: Jul 16, 2025

Creator 作者: 黎芳玲博士生 (指導教授: 林之謙) Linh Le

Content 內容

Category 項目

Device Information

Device Using Status

Device Using Application

FAQ

Device Information

	Device	Code			Brand	Type	Status
1	無線電接收機 - Micro	4050203003	01449	00	RODE	Wireless GO II	in use ▾
2	其他攝影機附屬設備	5010104099	00920	00	SONY	FE 24-70mm F2.8GM	in use ▾
3	數位照相機	3140308013	03764	00	SONY	ILCE-7RM4A	in use ▾
4	遙控無人機	4030204006	00020	00	DJI	MINI 2	in use ▾
5	偵測器	3120303001	00411	00	Velodyne	VLP-16	in use ▾
6	數位攝影機	3140308015	05092	00	ZED	含偏光片/4mm標準鏡頭	in use ▾
7	個人電腦	3140101003	86788	00	NVIDIA	RK-reComputer J2012	in use ▾
8	其他攝影機附屬設備	5010104099	00853	00	Feiyu	G6 MAX	in use ▾
9	數位照相機	3140308013	03992	00	Intel	RealSense Depth Came	in use ▾
10	數位攝影機	3140308015	04674	00	Intel	Realsense L515	in use ▾
11	其他攝影機附屬設備	5010104099	00988	00	SIGMA	100-400mm F5-6.3 DG	in use ▾
12	影像系統	3140306001	00247	00	Azure	Kinect 影像開發套件	in use ▾
13	數位照相機	3140308013	03683	00	INSTA360	INSTA360 ONE*2	in use ▾
14	數位照相機	3140308013	03603	00	Insta360	ONE R	in use ▾
15	數位照相機	3140308013	03832	00	RICHO	THETA Z1 51GB 360VR	in use ▾
16	數位攝影機	3140308015	04657	00	GOPRO	HERO10	in use ▾
17	顯示器	3140307001	06810	00	HTC	VIVE虛擬實境	in use ▾

18	其他攝影機附屬設備	5010104099	00895	00	DJI	RSC2	in use ▾
19	AR/MR	3140307003	15570		Microsoft	HoloLens 2	in use ▾
20	AR/MR	3140307003	15569		Microsoft	HoloLens 2	in use ▾
21	VR	3140307003	15783		Meta	Oculus Quest 2	in use ▾
22		3013208023	307		Robo master		in use ▾
23		3100605034	241		Livox AVIA	(謝尚賢老師)	in use ▾
24		3140308013	3711		Sony Cam		in use ▾
25	個人電腦	3140101003	81302			(謝尚賢老師)	in use ▾
26	數位照相機				Insta360	(無貼標)	in use ▾
27	數位攝影機	3140308015	4658	00	GOPRO	HERO10 (謝尚賢老師)	
28							

Device Using Status

Device Using Application

FAQ



Groupmeeting



Groupmeeting

Update 更新: Jul 16, 2025

Creator 作者: 黎芳玲博士生 (指導教授: 林之謙) Linh Le

Content 內容

Category 項目

[Paper Selection and Presentation Method](#)

[I14-1 Schedule](#)

[I14-2 Schedule](#)

Reference Presentation

Paper Selection and Presentation Format

The group meeting will be hosted biweekly. The exact time and date differ every semester. Please refer to the schedule part.

Two - three students will present 2 research papers in the group meeting. The papers are related to students' research direction, up-to-date research and related together. We are suggesting you select one technique paper from ECCV, CVPR, ICCV sources which are the top-world conferences about AI techniques, one construction domain practical paper from famous and reliable journal such as Automation

Schedule

114-1 schedule (Thursday - 10AM Biweekly)

 Date	 Room	 Presenter	 Status	 Paper name
Sep 4, 2025 10:00 AM	CERB 501		已核准 ▾	
Sep 18, 2025	CERB 501	Linh - 陳尹祥 - 王柏燁	已核准 ▾	
Oct 2, 2025	CERB 501	陳妤玲 - Nelson	已核准 ▾	
Oct 16, 2025	CERB 501		已核准 ▾	
Oct 30, 2025	NCREE 804	Anne - Niki	已核准 ▾	
Nov 13, 2025	CERB 501	林筱蓁 - Ray - Toan	已核准 ▾	

114-1 schedule (Thursday - 10AM Biweekly)

 Date	 Room	 Presenter	 Status	 Paper name
Nov 27, 2025	CERB 501	廖國宏 - 林暉祐	尚未開始 ▾	
Dec 11, 2025	CERB 501	蔡宗翰 - 劉人豪 - Bryan	尚未開始 ▾	
Dec 25, 2025	OFF	陳意翔 - 黃朝雍	尚未開始 ▾	

114-2 schedule (Friday - 2PM Monthly)

 Date	 Room	 Presenter	 Status	 Paper name
Mar 27, 2026 2:00 PM	CERB 501		尚未開始 ▾	•Sinotech Ltd - Research and Development of AI-Assisted Semantic Comparison and Original Text Annotation Technology for Engineering Tender Documents •ABRI - Integrating BIM and Large Language Models for Analyzing Construction Schedules and Resources to Optimize Carbon Emissions in the Building Construction Phase
Apr 10, 2026	CERB 501		尚未開始 ▾	•Brinno Inc - Site Monitoring Camera and Analysis System •Sinotech Ltd – Smart Safety

114-2 schedule (Friday - 2PM Monthly)

 Date	 Room	 Presenter	 Status	 Paper name
				Construction Site Instruction
May 8, 2026	CERB 501			•NSTC Robotic - 應用精實原理、3D視覺-語言模型及群集演算法於營建工程人類與機器人團隊之可調適管理策略 •Far Eastern - 整合BIM與SLAM點雲自動辨識輔助設備數量維護管理
Jun 12, 2026	CERB 501			•Taipei City Government - Multimodal Visual Sensing Framework for Construction Safety Monitoring Integrating BIM, CCTV, and UAV Point Clouds •2nd year Master students if you want to briefly share your thesis

Reference Presentation

 113-2-0314-Groupmeeting.pptx

FAQ