

# 2025 第十七屆國際學術研討會

## 中臺科技大學 護理學院

### 2025, The 17<sup>th</sup> International Academic Conference

College of Nursing

Central Taiwan University of Science and Technology (CTUST)

### 智慧照護與人本設計：共創未來創新照護模式

## Smart Care and Human-centered Design: Co-Creating Innovative Models for the Future of Care

中臺科技大學第十七屆國際學術研討會將於 2025 年 12 月 6 日（星期六）舉行，本次研討會以「智慧照護與人本設計：共創未來創新照護模式」為主題，邀請國內外學者與專家進行專題演講。研討會主題涵蓋智慧照護科技應用、人本設計理念、跨領域合作與社區共創模式，期望透過學術研究與實務交流，激盪新思維，推動更具人性化與永續發展的照護模式。同時，我們將探討智慧科技應用、跨領域合作及社區共創實踐，並匯聚國內外學者、專家與實務者，共同交流未來趨勢與挑戰，為長期照護與健康福祉提供創新解方。

The 17th International Academic Conference of Central Taiwan University of Science and Technology will be held on Saturday, December 6, 2025, under the theme: "Smart Care and Human-centered Design: Co-Creating Innovative Models for the Future of Care."

This conference brings together scholars and experts from Taiwan and abroad to explore topics including smart care technologies, human-centered design, interdisciplinary collaboration, and community co-creation. Through academic exchanges and practical dialogue, the event aims to spark new ideas and promote more humanized and sustainable care models. It also seeks to provide innovative solutions for long-term care and health well-being in response to future challenges.

### 1. 時間 (Date)

2025 年 12 月 6 日 星期六

Saturday, 6<sup>th</sup> of December 2025

### 2. 地點 (Venue)

中臺科技大學 勤學樓 B1 國際會議廳（詳見「中臺校園平面圖」）

臺中市北屯區廬子路 666 號

International Conference Hall, B1F, Chin Hsueh Building, CTUST (See the Campus Map)

No.666, Buzih Road, Beitun District, Taichung City, Taiwan, Republic of China

### 3. 徵選研究論文發表 ( Call for Papers )

將於 12 月 6 日會議場地，進行甄審錄取之口頭及海報發表。

On December 6<sup>th</sup>, accepted oral and poster presentations will be held at the conference venue.

### 4. 主辦 (Organised by)

中臺科技大學 護理學院(College of Nursing,CTUST)

中臺科技大學高齡健康照護系(Department of Gerontological Health Care, CTUST)

中臺科技大學護理系(Department of Nursing, Nursing College, CTUST)

中臺科技大學學士後護理系(Department of Post-Baccalaureate Program in Nursing, CTUST)

彰化基督教醫療財團法人彰化基督教醫院(Chung Hua Christian Hospital)

台中慈濟醫院(Taichung Tzu Chi Hospital)

彰化秀傳紀念醫院(Show Chwan Memorial Hospital)

### 5. 協辦(依筆畫順序) (In collaboration with: Listed by alphabetical order)

大千健康醫療體系(Da Chien Health Medical System)

佳恩長照社團法人附設臺中市私立佳醫住宿長照機構(Youquan Residential Long-Term Care Facility, Jiayi Long-Term Care Foundation)

佳醫長照社團法人附設台中市私立佑全住宿長照機構(Taichung Jiayi Residential Long-Term Care Facility, Jia-En Long-Term Care Foundation)

### 6. 繼續教育課程認證 (Continuous Education Credits)

本次會議提供所有報名學員研習證書，以及護理師/專科護理師繼續教育積分、長期照顧服務人員繼續教育積分。

Conference Attendance Certificate will be dedicated to all attendees; as well, CE hours will be credited to Registered Nurses / Nurse Practitioners, Long-term care providers.

### 7. 會議語言 (Language used)

本次會議英文、中文合併使用。

Communication is conducted in both Chinese and English.

### 8. 報名 (Registration)

-所有報名之截止日：2025 年 10 月 19 日(日)。

-統一採線上報名，網址：<https://forms.gle/jaovrSeUEpF4669aA>

-恕不接受現場報名。

-Due date of registration: 19<sup>th</sup> of October 2025 (Sun.)

-Online Registration only; the web-link of registration:

<https://forms.gle/jaovrSeUEpF4669aA>

-No on-site registration available

## 9. 報名費用 (Registration Fees)

### (1)報名費用說明：

- ◆一般價為新台幣 1,500 元。
- ◆早鳥優惠價為新台幣 1000 元，需於 **2025 年 9 月 7 日(星期日)**前完成報名及繳費。
- ◆中臺學生優惠價為新台幣 1000 元，報名時需檢附學生證，並在 **2025 年 9 月 7 日前**完成報名及繳費。

### (2)匯款方式：

致富寶支付系統

繳費方式：

1. 信用卡
2. LINE PAY
3. i PASS MONEY
4. 台灣 Pay
5. ATM

### (3)入校園停車費：

汽車停車：

1. 停車未滿 30 分鐘者，免收費。
2. 停車超過 30 分鐘者，以一小時計費，每小時新台幣 30 元。
3. 當日未離場者，最高以八小時／日計費。
4. 如有未繳費情形，將無法再次入校，須先補繳上次停車費用後，方可進入校園。
5. 外來車輛請遵守本校行車規範，並依規劃停車位置停放，違者將開立違規單。

機車停車：每次停車費用為新台幣 30 元，請以悠遊卡或一卡通感應繳費。

### (1)Registration Fees explained:

- ◆ Regular fee: NT\$1,500
- ◆ Early bird fee: NT\$1000; Must be registered and paid before 7<sup>th</sup> of Sep.
- ◆ Discount fee for CTUST students: NT\$1000; Must be registered with Student ID Card and paid before the 7<sup>th</sup> of Sep.

### (2) Payment Method:

ChiefPay Inc. Payment System

Available options:

1. Credit Card
2. LINE Pay
3. iPASS MONEY
4. Taiwan Pay
5. ATM Transfer

### (3)Parking Fees:

Cars:

1. No charge if parked for less than 30 minutes.
2. For parking over 30 minutes, a maintenance fee of NT\$30 per hour will be

charged.

3. If the vehicle remains parked overnight, the maximum charge is capped at 8 hours per day.
4. Vehicles with unpaid parking fees will be denied entry on the next visit until the outstanding fee is paid.
5. Visitors must comply with campus traffic regulations and park in designated parking spaces. Parking violations will be issued a notice.

Motorcycles/Scooters: A flat rate of NT\$30 per entry applies. Please use EasyCard or iPASS for contactless payment.

#### 10. 退費事宜 (Refund/ Withdrawal )

若因故欲取消報名者，請於原訂研討會十四天前(2025 年 11 月 23 日前) email 至 [108614@ctust.edu.tw](mailto:108614@ctust.edu.tw) 申請退費（逾期恕不受理），我們將保留 30% 的手續費，並於原訂研討會舉辦日期後統一辦理退費，約需一個月工作天數。

If you need to withdraw from registration due to unexpected circumstances, please request a refund by sending an email to [108614@ctust.edu.tw](mailto:108614@ctust.edu.tw) (No refund will be given after the due date of 23<sup>rd</sup> of November 2025). 30% of registration fee will be deducted as a handling charge. The refund will be received within one month of working days after the conference date.

# 議程表 Program Agenda

◎ 2025 年 12 月 6 日(星期六)

Date: Sat. 6<sup>th</sup> of DECEMBER 2025

時間(Time)	主題(Topic)	講員 (Speaker)	主持人(Chair)
08:20-08:50	報到(Registration)		
08:50-09:00	開幕式暨貴賓致詞 (Opening Remarks)		陳錦杏校長 President Chen Chin-Hsing 蔡麗雲院長 Dean Tsai Li-Yun 中臺科技大學 CTUST
09:00-10:00	Case Studies and Development Trends of Natural Care Practices 自然照顧法實踐案例與發展趨勢	代表理事 下元佳子/一般社団法人ナチュラルハートフルケアネットワーク, 日本 Representative Director/ Yoshiko Shimoto/ Natural Heartful Care Network, Japan	徐明仿副教授 中臺科技大學 Assistant Professor Xu Ming-Fang CTUST
10:00-10:20	茶敘、海報論文觀摩 (Coffee Break & Poster Session )		
10:20-11:20	Harnessing AI in Long-Term Care: Promise, Pragmatism, and the Path Forward AI 人工智慧於長期照護之應用：前景、實務與未來發展趨勢	Senior Data Scientist Hsu Po-Ya/Atomo Inc. USA	林亮如副教授/主任 中臺科技大學 Associate Professor /Director Lin Liang-Ru CTUST
11:20-12:00	The Challenges of Tele-Healthcare on Clinical Nursing Practice 遠距健康照護-談護理轉型與挑戰	副資訊長 王佩麟/秀傳醫療體系營運中心 Deputy Chief Information Officer Wang Pei-Ling/ Operations Center, Show Chwan Health Care System	林冠語副教授/主任 中臺科技大學 Associate Professor /Director Lin Kuan-Yu CTUST
12:00-13:00	午餐 (Lunchtime) 海報論文觀摩 (Poster Session)		
13:00-14:00	分場論文發表 (一) Oral Presentation (1)		場地：1B103
	Topic (待 定)	口 報 者 (待 定)	張萃珉助理教授 中臺科技大學 Assistant Professor Chang Tsui-Ming CTUST
	Topic (待 定)	口 報 者 (待 定)	

	分場論文發表（二） Oral Presentation（2）		場地：1B106
	Topic（待定）	口報者（待定）	彭田助理教授 中臺科技大學 Assistant Professor Peng Tien CTUST
	Topic（待定）	口報者（待定）	
14:00-14:30	Applications of Innovative Optical Fiber Technology and Generative AI in Smart Care Models 創新光纖科技與生成式 AI 智慧照顧模式之應用	創辦人兼董事長 楊淑貞/滙嘉健康生活科技股份有限公司 Founder and CEO Yang Shu-Chen /Huijia Health Life Technology Co., Ltd.	蔡英美教授 中臺科技大學 Professor Tsai Ying-Mei CTUST
14:30-15:00	茶敘、海報論文觀摩（Coffee Break & Poster Session）		
15:00-15:30	Building Data-Driven Quality Monitoring: A New Paradigm of Smart Long-Term Care 3.0 Service Management in Taichung City 打造數據驅動的品質監測：臺中市智慧長照 3.0 服務管理新典範	局長 曾梓展/臺中市政府衛生局 Director Tseng Tzu-Chan/Health Bureau of Taichung City Government	蔡麗雲院長 Dean Tsai Li-Yun 中臺科技大學 CTUST
15:30-16:00	Nursing Service Quality Promotion and Patient Care Improvement by Informatics Technology 使用資訊科技於臨床品質改善	護理部督導長 吳美雯/財團法人彰化基督教醫院 Director of Nursing Supervision Department of Nursing Wu Mei-Wen /Changhua Christian Hospital	陳全美副教授/主任 中臺科技大學 Associate Professor/Director Chen Chuan-Mei CTUST
16:00-16:30	Application of Smart Care Technologies in Community-Based Long-Term Care Facilities 智慧照顧科技在社區長照機構之應用	執行長 黎世宏/財團法人天主教中華聖母社會福利慈善事業基金會 CEO Li Shyh-hung/Sisters of Our Lady of China Catholic Charity Social Welfare Foundation	莊淑婷副院長 台中慈濟醫院 Vice-superintendent Chuang Shu-Ting Taichung Tzu Chi Hospital
16:30-16:50	綜合討論 (Panel Discussion)		蔡麗雲院長 中臺科技大學 Dean Tsai Li-Yun CTUST
16:50	賦歸 簽退（Sign Out）		

## 講員/貴賓/主持人 Invited Speakers/ Guest/ Chair:

### 【國外講員/Invited international speaker】

代表理事 下元佳子/一般社団法人ナチュラルハートフルケアネットワーク, 日本  
Representative Director Yoshiko Shimoto/ Natural Heartful Care Network, Japan  
Po-Ya Hsu/Atomo Inc. USA Senior Data Scientist

### 【國內講員/ Invited Domestic speaker】

王佩麟/秀傳醫療體系營運中心副資訊長  
Wang Pei-Ling/Deputy Chief Information Officer Operations Center, Show Chwan Health Care System  
楊淑貞/滙嘉健康生活科技股份有限公司創辦人兼董事長  
Yang Shu-Chen /Founder and CEO, Huijia Health Life Technology Co., Ltd.  
曾梓展/臺中市政府衛生局局長  
Tseng Tzu-Chan/ Director, Health Bureau of Taichung City Government  
吳美雯/財團法人彰化基督教醫院護理部督導長  
Wu Mei-Wen/Director of Nursing Supervision Department of Nursing, Changhua Christian Hospital  
黎世宏/財團法人天主教中華聖母社會福利慈善事業基金會執行長  
Li Shyh-hung/CEO, Sisters of Our Lady of China Catholic Charity Social Welfare Foundation

### 【中臺科技大學 貴賓/主持人 CTUST, Guest/ Chair】

中臺科技大學 Central Taiwan University of Science and Technology (CTUST)  
陳錦杏 校長 President Professor Chen Chin-Hsing  
蔡麗雲 護理學院院長 Dean of Nursing College Tsai Li-Yun  
林亮如 高齡健康照護系主任/副教授 Director of Department of Gerontological Health Care Associate Professor Lin Liang-Ru  
陳全美 護理系主任/副教授 Director of Nursing Department Associate Professor Chen Chuan-Mei  
林冠語 學士後護理系主任/副教授 Director of Department of Post-Baccalaureate Program in Nursing Associate Professor Lin Kuan-Yu  
蔡英美 高齡健康照護系教授 Professor Tsai Ying-Mei  
徐明仿 副教授 Associate Professor Xu Ming-Fang  
張萃珉 助理教授 Assistant Professor Chang Tsui-Ming  
彭田 助理教授 Assistant Professor Peng Tien  
佛教慈濟醫療財團法人台中慈濟醫院莊淑婷 副院長 Vice-superintendent Chuang Shu-Ting  
Taichung Tzu Chi Hospital

### 【論文發表 Oral Presentation】

## 11. 徵選研究論文發表 (Call for Papers)

本研討會接受中文/英文投稿，將提供所有經審查錄取之研究論文發表證明。

The symposium accepts research paper submissions in both Chinese and English and provides proof of publication for all accepted papers. Once a submitted paper has been successfully accepted following anonymous review, a certificate will be issued to the author(s).

### (1) 主題 ( Topic of Papers)

歡迎投稿與下列議題相關之研究論文：

◆ 智慧科技在健康照護的應用

- ◆ 人本設計與適老化環境
- ◆ 跨領域合作與創新照護模式
- ◆ 長期照護與健康促進
- ◆ 未來照護趨勢與挑戰
- ◆ 智慧輔具與機器人技術

Welcome to submit the papers relevant to the following areas:

- ◆ Applications of Smart Technology in Healthcare
- ◆ Human-centered Design and Age-friendly Environments
- ◆ Interdisciplinary Collaboration and Innovative Care Models
- ◆ Long-term Care and Health Promotion
- ◆ Future Trends and Challenges in Care Services
- ◆ Smart Assistive Devices and Robotics Technology

## (2) 摘要投稿 (Abstract Submission)

僅接受線上投稿。

每篇投稿須至少一名作者代表報名並出席參與研討會，且一人只能代表一篇投稿文章。

Please, be aware of **On-line submission Only**.

At least one representative author, representing the submitted paper, must register and attend the conference in person. Each author attendee can represent only an article.

摘要請依據大會提供的指引撰寫，詳見附件【**投稿指引**】，務必詳閱。

For submitting an abstract, please carefully consult the **Abstract Submission Guidelines** (See the Attached Page below). Your manuscript of abstract must be edited in accordance with the **Abstract Submission Guidelines**.

請於「投稿申請表」勾選投稿形式：**口頭或海報發表**。

Please indicate your favored presentation type, oral or poster, on the webpage of **Submission Form**.

投稿網址: <https://forms.gle/KkViEy8qHGjMMJ5Z8>

Submission Weblink: <https://forms.gle/KkViEy8qHGjMMJ5Z8>

## (3) 稿件截止日期 (Date of Submission)

請於 **2025 年 9 月 30 日下午 5 點前**上傳，完成線上投稿。

Deadline for abstract submission is **5PM, 30<sup>th</sup> of September 2025** GMT+8: Greenwich Mean Time.

## (4) 連絡窗口 (Contact)

報名繳費相關事宜聯絡者：

E-Mail: [108614@ctust.edu.tw](mailto:108614@ctust.edu.tw)，電話：04-22391647 轉 6251。

投稿相關事宜聯絡者：

Email： [108872@ctust.edu.tw](mailto:108872@ctust.edu.tw)，電話：04-22391647 轉 6254。



For registration or fees enquiry, please contact:

Email : [108614@ctust.edu.tw](mailto:108614@ctust.edu.tw) , TEL : 04-22391647 Ext. 6251

For paper submission matters, please contact:

Email : [108872@ctust.edu.tw](mailto:108872@ctust.edu.tw) TEL: 04-22391647 Ext. 6254

#### (5) 結果通知及注意事項 (Result & Notifications)

所有的摘要，將由審查委員進行審閱，預計於 2025 年 10 月 15 日 前 以 email 通知該文的代表報名作者錄取與否；投稿口頭發表者，經錄取，個別通知邀請口報。若未完成繳費者，將取消發表資格。

The members of Conference Committee will review all the abstracts. Then, the representative author of the article will be informed via email about the decision on acceptance or decline, by the **15<sup>th</sup> of October 2025**. An oral presentation invitation will be individually issued to the representative author according to the committee's decision. If the payment is not completed, the qualification to present will be revoked.

海報發表者請於海報發表時段，至少一位代表作者在場，以便進行海報發表與觀摩。

For poster presentation, the representative author (one of the authors) is expected to be present beside your poster during the poster sessions in order to answer conference delegates' enquiries.

下方頁面為「摘要投稿指引」。

The following attached page is the “**Abstract Submission Guideline**”.

#### (6) 海報展示論文之尺寸規格：A4，寬 21cm，高 29.7cm，海報展示方式為電子海報機輪播。

The size of the poster is limited to: A4, 21cm of width, 29.7 cm of height. Posters will be presented via rotating display on electronic poster boards.

The directions below are written for online-submitting abstracts to The 17<sup>th</sup> International Academic Conference 2025.

1. The abstract must be **No more than 500 words**.

Either English or Chinese abstracts are acceptable.

2. Author's names must be written as: full name, job title, the title of highest academic achievement, and the author's affiliations. In addition, the representative author who registers to represent the submitted article must fill in his/her personal contact details.

3. Contents of the abstract must be written separately into each field of the Submission Form to include the following six domains, which are:

**Introduction/Background**

**Aim/Objective/Hypothesis**

**Methods/Steps**

**Results/Findings**

**Discussion/Clinical Application**

**Conclusion**

投稿摘要格式指引，如下：

1. 字數不得超過 **500 個字**，所有的摘要可以中文/英文形式呈現。

2. 作者必須註明姓名、職稱，學歷，所屬單位，並註明**通訊作者的 email**、代表此篇投稿而報名出席研討會的作者之個人資料。

3. 摘要，需具備以下副標題之內容：

- 簡介/背景/重要性

- 目的/假說/問題

- 方法/步驟

- 結果/發現

- 討論/實務應用

- 結論

投稿請於 **2025 年 9 月 30 日下午 5 點前**完成上傳。所有的投稿摘要，將由審查委員進行審閱，預計於 2025 年 10 月 15 日 前以 email 通知代表作者錄取與否。投稿口頭發表者，經錄取，會個別通知邀請。

Please! Abstracts are to be submitted by **5PM, the 30<sup>th</sup> of September 2025** GMT+8: Greenwich Mean Time .

The members of the Conference Committee will review all submitted abstracts; the representative author will then be informed via email about the acceptance or decline of their paper by the **15<sup>th</sup> of October 2025**.

An oral presentation invitation will be individually issued to the authors according to the committee's decision.

海報展示論文之尺寸規格：A4，寬 21cm，高 29.7cm。

The size of the poster is limited as:A4, 21cm of width, 29.7 cm of height.

**The 17<sup>th</sup> International Academic Conference 2025 No.**  
**Smart Care and Human-Centered Design: Co-Creating Innovative Models for the Future of**  
**Care**

Central Taiwan University of Science and Technology, Taichung, Taiwan

**ABSTRACT SUBMISSION FORM (摘要投稿申請表)**

投稿主題 (Paper's topic)	<b>類別 Topic Category</b> <input type="checkbox"/> 智慧科技在健康照護的應用 Applications of Smart Technology in Healthcare <input type="checkbox"/> 人本設計與適老化環境 Human-centered Design and Age-friendly Environments <input type="checkbox"/> 跨領域合作與創新照護模式 Interdisciplinary Collaboration and Innovative Care Models <input type="checkbox"/> 長期照護與健康促進 Long-term Care and Health Promotion <input type="checkbox"/> 未來照護趨勢與挑戰 Future Trends and Challenges in Care Services <input type="checkbox"/> 智慧輔具與機器人技術 Smart Assistive Devices and Robotics Technology <b>發表形式 Preferred Presentation Style</b> <input type="checkbox"/> Poster Presentation 海報發表(電子海報機輪播 digital poster slideshow) <input type="checkbox"/> Oral Presentation 口頭發表		
論文題目 (中文) Title (Chinese)			
論文題目 (英文) Title (English)			
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