



## Curriculum Vitae

**CHU, Chia-Wei**

(朱家偉)

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### Academic Qualifications:

**University of Sheffield**, Sheffield, United Kingdom

(2006.04 – 2010.08)

Department of **Information Studies**

**Chemoinformatics** Research Group

Degree: PhD

**Da-Yeh University**, Changhua County, Taiwan

(1994.09 – 1996.06)

Institute of Information Management

Degree: MBA

**Soochow University**, Taipei, Taiwan

(1990.09 – 1994.06)

Department of Computer Science

Degree: BBA

### Academic Experiences:

**City University of Macau, MACAU SAR**

(2015.01 – Now)

**Associate Professor**, Faculty of Data Science (2023.08-Now)

**Courses taught:** Introduction to Data Science, Big Data Analysis on Tourism Industry.

**Research interest:** Cluster Analysis, Tourism Demand Forecasting.

**Supervised 2 doctoral & 6 master students (6 master & 7 doctoral in progress).**

**Assistant Professor**, Faculty of Data Science (2021.08-2023.08)

**Courses taught:** Data Science, Big Data & Social Governance, and System Analysis & Design

**Research interest:** Data Mining, Big Data Analysis

**Supervised 5 master students.**

**Assistant Professor**, Faculty of Business (2015.01-2021.08)

**Courses taught:** Management Information System, Quantitative Analysis, and Research Method

**Research interest:** Data Mining, Big Data Analysis

**Supervised 8 doctoral students, 48 master students.**

**Asia-Pacific Institute of Creativity, Miaoli County, TAIWAN** (1999.08 – 2014.09)

**Adjunct Assistant Professor**, Department of Continue Education Centre (2013.10 – 2014.09)

**Courses taught:** Information Technology System, e-Commerce

**Assistant Professor**, Department of Multimedia and Entertainment Science (2011.08 – 2013.09)

**Courses taught:** Enterprise Resource Planning, e-Commerce

**Research interest:** Data Mining

**Lecturer**, Department of Information Management (2000.08 – 2011.07)

**Courses taught:** System Analysis, MIS, Data Structures,  
Programming Languages, Statistics

**Adjunct Lecturer**, Department of Information Management (1999.09 – 2000.06)

**Courses taught:** Computer Sciences, Business Software Packages

**National Open University, Taipei, TAIWAN** (1998.09 – 2000.06)

**Adjunct Lecturer**, Department of Information Management

**Courses taught:** Computer Networks, Business Software Packages, Human Computer Interface,  
Software Engineering, Computer Sciences, and Its Application

## **Administration Experiences:**

**City University of Macau, MACAU SAR**

**Bachelor Programme Coordinator, Faculty of Data Science** (2021.08 – now)

- In charge of full function of bachelor curriculum section
- Organizing internships, planning class timetables, academic activity & conference
- Examination and evaluation on teachers' teaching quality

**Graduate Programme Coordinator, Faculty of Business** (2018.08 – 2020.08)

- In charge of full function of graduate curriculum section leading 3 staff
- Organizing doctoral oral defense, planning class timetables, academic conference & workshop
- Examination and evaluation on teachers' quality

**Asia-Pacific Institute of Creativity, Miaoli County, TAIWAN**

**Director of Centre of Continue Education** (2012.09 – 2013.08)

- In charge of full function of CCE leading 6 staff
- Organizing on-the-job training for labor, pre-service training for nanny, and programs for seniors
- Organizing credit courses for prospective students

**Director of Curriculum Section** (2001.09 – 2002.08)

- In charge of full function of curriculum section leading 5 staff
- Organizing classes, planning class timetables, allocating classrooms
- Examination and evaluation on teachers' quality

**Ministry of Transportation and Communications, Taipei, TAIWAN**

**Systems Analyst of Research and Planning Division, Tourism Bureau** (1998.07 – 2000.06)

- In charge of all computers related affairs including 3 tourist service centers at airports
- System and website maintenance, information strategy planning

## Professional Qualifications:

**Certificate of Business Planning Proficiency (Advanced Level)**, issued by Taiwan Business Strategy Association (2016.09), Certificate ID: A1600200

**The Certificate of Cultural & Creative Development Planner (Level B)**, issued by Applied Business Management Association (2014.08), Certificate ID: CCMP-T89190057

**The Certificate of Cultural & Creative Marketing Planner (Level B)**, issued by Applied Business Management Association (2014.08), Certificate ID: CCMP-T89200057

**The Certificate of Proficiency in Fundamentals of Enterprise Resource Planning**, issued by Chinese ERP Society (2013.03), Certificate ID: CERPS1303001

**Invigilator and Marker of Chinese Computer Education Association** (2012.09)  
Certificate ID: 101-120752

**The Certificate of Competence in Word/Excel 2010 (Level Expert)**, issued by Chinese Computer Education Association (2012.09)

**Internet WWW webpage design Training Program**, Institute for Information Industry (1998.12)

**Y2K Assessor Training Program**, China Productivity Center (1998.09)

## Industry-Academic Cooperation Projects:

Project Title : 眼動追蹤環境感知分析--以元宇宙構建未來城市體驗滿意度評價 / Eye Tracking Environment Perception Analysis – Constructing a Future City Experience Satisfaction Evaluation with Metaverse

Funding Institute : The Science & Technology Development Fund (FDCT Macau)

Project No. : 0036/2022/A

Funding Amount : 565,000 MOP

Period : 2022/09/01 - 2025/09/01

Position : Research Member

Project Title : 珠澳合作製造服務多主體協同平台研究與應用示範 (國家科技部重點研發項目) / Research and Application of Cooperative Multi-Agent Platform for Zhuhai-Macao Manufacturing Service

Funding Institute : The Science & Technology Development Fund (FDCT Macau) & Ministry of Science & Technology (MOST) Co-Funding

Project No. : OTH-2004

Funding Amount : 1,729,000 MOP

Period : 2020/08/21 - 2023/09/21

Position : Principal Investigator

Co-organizers: 珠海格力電器, 合肥工業大學

Project Title : 運用數據挖掘於澳門旅遊需求預測之研究

Funding Institute : Macau Foundation

Funding Amount : 100,000 MOP

Period : 2015/09/30 - 2016/12/31

Position : Principal Investigator

Project Title : 綠能/節能宣導教案設計	Funding Amount : 300,000 NTD
Funding Institute : Taiwan Power Company	Position : Co-principal Investigator
Period : 2015/09/13 - 2016/03/13	
Project Title : 台電公司苗栗區營業處用戶滿意度調查	Funding Amount : 100,000 NTD
Funding Institute : Taiwan Power Company	Position : Co-principal Investigator
Period : 2015/07/01 - 2015/09/30	
Project Title : 台電公司推展公共關係之研究	Funding Amount : 300,000 NTD
Funding Institute : Taiwan Power Company	Position : Co-principal Investigator
Period : 2014/11/01 - 2015/04/30	
Project Title : 結合 QR Code 在旅遊之行動應用	Funding Amount : 57,500 NTD
Funding Institute : Reading Books Publishing Company	Position : Principal Investigator
Period : 2013/01/01 - 2013/10/30	
Project Title : 行動學習之推動與現況探討以技職院校為例	Funding Amount : 57,500 NTD
Funding Institute : Reading Books Publishing Company	Position : Principal Investigator
Period : 2012/01/01 - 2012/10/30	
Project Title : 台灣電力公司-全國電力溝通宣導與多媒體廣告、平面海報製作競賽活動	Funding Amount : 4,700,000 NTD
Funding Institute : Taiwan Power Company	Position : Project Assistant
Period : 2011/08/30 - 2012/08/30	

## Honor of Guidance/Teaching:

2022 年第一屆「城大盃 大學生創新創業大賽」 The 1 <sup>st</sup> CityU Cup of College Students Innovation and Entrepreneurship Competition 2022 指導作品/Project : 纖維寶-三位一體環保產業幫扶專案 <a href="https://cityu.edu.mo/zh/9dec2022_02/">https://cityu.edu.mo/zh/9dec2022_02/</a>	吳在權創業就業中心 主辦 亞軍 / Runner-up
2022 年中國高校計算機大賽-網絡技術挑戰賽 China Collegiate Computing Contest 2022, (C4) 指導作品/Project : 基於雲平台的智慧校園系統 <a href="https://fds.cityu.edu.mo/News/252">https://fds.cityu.edu.mo/News/252</a>	教育部下屬多個專業委員會聯合 主辦 澳門賽區一等獎 / 全國三等獎
2022 年第七屆「粵港澳大灣區 IT 應用系統開發大賽」 Greater Bay Area IT System Development Competition 2022 1. 指導作品/Project : 膠 APP 項目計畫 2. 指導作品/Project : 元計畫-互聯網+學習共享平台	澳門國際科技產業發展協會 主辦 Organize by AIDIT Macau 優勝獎 / Award Winner 優勝獎 / Award Winner
2021 年第六屆「粵港澳大灣區 IT 應用系統開發大賽」 Greater Bay Area IT System Development Competition 2021 指導作品/Project : 佳麗寶盒/Beauty Boxes <a href="http://www.macaodaily.com/html/2021-05/17/content_1516770.htm">http://www.macaodaily.com/html/2021-05/17/content_1516770.htm</a> (Macau Daily News)	澳門國際科技產業發展協會 主辦 Organize by AIDIT Macau 入圍獎 / Award Finalist May-15,2021

**Excellent/Distinguished Teacher, 教學卓越教師獎項**

- 1.Nominated by Faculty of Data Science in 2022 獲 數據科學院於 2021 學年提名
- 2.Nominated by Faculty of Business in 2018 獲 商學院於 2018 學年提名

**Outstanding Academy Staff, 傑出學術人員獎項**

- 1.Nominated by Faculty of Business in 2018 獲 商學院於 2018 學年提名

**Best Advisor Awards (優良導師), in 2002(2), 2003(1&2), 2004(1), 2011(2), 2012(1&2)**  
**Asia-Pacific Institute of Creativity, Miaoli County**

**Academic Publications (with ISBN/ISSN/DOI):**

1. Huang, K., Xu, M., Guo, T., Chen, F., Wei, C., [Chu, C.](#), (2024). Research on Offshore Ship Trajectory Prediction and Accuracy Optimization based on Dual-layer LSTM-Transformer Model. Proceedings of 2024 Cross Strait Radio Science and Wireless Technology Conference (CSRSWTC 2024), November 4-7, 2024, Macao SAR, China. (EI Conference) Corresponding Author
2. Chen, F., Guo, T., Wei, C., [Chu, C.](#), (2024). Investigating Researcher Mobility Through Geographic Information System (GIS). Proceedings of 2024 Cross Strait Radio Science and Wireless Technology Conference (CSRSWTC 2024), November 4-7, 2024, Macao SAR, China. (EI Conference) Corresponding Author
3. Shi, C., [Chu, C.](#), Su, J., (2024). A Study on Question and Answer Intent Recognition in Medical Domain based on Prompt Learning. Proceedings of 2024 Cross Strait Radio Science and Wireless Technology Conference (CSRSWTC 2024), November 4-7, 2024, Macao SAR, China. (EI Conference) Corresponding Author
4. Guo, A., Liu, X., Liu, X., Hu, B., Yuan, J., [Chu, C.](#), (2024). Cross-Modal Mask and Detail Alignment for Text-based Person Retrieval. Proceedings of the 24<sup>th</sup> International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP), October 29-31, 2024, Macao SAR, China. (EI Conference)
5. Gou, J., Sun, L., Wu, J., [Chu, C.](#), Gao, Y., (2024). A Multi-Holder Role and Strange Attractor-based Data Possession Proof in Medical Clouds. Proceedings of the 24<sup>th</sup> International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP), October 29-31, 2024, Macao SAR, China. (EI Conference)
6. Xiao, Z., Chen, J., Fan, X., Zhao, W., [Chu, C.](#), Zhang, J., (2024). The Impact of Chemokine-Like Receptor 1 Gene Knockout on Lipopolysaccharide-Induced Epididymo-Orchitis in Mice, Journal of Interferon & Cytokine Research, <https://doi.org/10.1089/jir.2024.0152> (Ahead of Print) (SCIE)
7. Shi, C., Su, J., [Chu, C.](#), Wang, B., Feng, D., (2024). Balancing Privacy and Robustness in Prompt Learning for Large Language Models, Mathematics, 12, 3359. (SCI)
8. Li, Y., [Chu, C.](#), Liu, X., (2024). Improved DeepFM-Based Model with LSTM on Click-Through-Rate, CIBDA'24: Proceedings of the 5<sup>th</sup> International Conference on Computer Information and Big Data Applications, 52-56, <https://doi.org/10.1145/3671151.3671161> (EI Conference) Corresponding Author
9. Cai, H., Liu, W., [Chu, C.](#), (2024). A Synergetic Evaluation Calculation Scheme for Negotiation Process with SERVQUAL Model Based on AHP-FCE, 2024 International Conference on Telecommunication, Electronics and Informatics (ICTEI 2024) (EI Conference) Corresponding Author

10. Zihang Xu, [Chiawei Chu](#), Shiyang Song. (2024). An Effective Federated Recommendation Framework with Differential Privacy. *Electronics*. 13(8), 1589. (SCI) Corresponding Author
11. Zou, S., [Chu, C.](#), Dai, W., Shen, N., Ren, J., Ding, W. (2024). Predicting Typhoon Flood in Macau by Dynamic Gaussian Bayesian Network and Surface Confluence Analysis. *Mathematics*, 12(2), 340. (SCI) Corresponding Author
12. Yuxiang He, Baisong Yang, [Chiawei Chu](#). (2024). GA-CatBoost-Weight Algorithm for Predicting Casualties in Terrorist Attacks: Addressing Data Imbalance and Enhancing Performance. *Mathematics*, 12(6), 818. (SCI) Corresponding Author
13. Zihang Xu, [Chiawei Chu](#). (2024). A Hybrid Deep Learning Model Utilizing Cross-Structural Multi-Behavioral Comparative Recommendation for Sustainable Electric Transportation Infrastructure. *Applied Sciences*. 14(7):3092. (ESCI) 2nd Author
14. Wang, W., Chen, G., [Chu, C.](#), Lan, W. (2023). A Blockchain-Based Continuous Micropayment Scheme Using Lockable Signature. *Mathematics*, 11(16), 3472. (SCI)
15. Zou, S., [Chu, C.](#), Shen, N., Ren, J. (2023). Healthcare Cost Prediction Based on Hybrid Machine Learning Algorithms, *Mathematics*, 1(0), <https://doi.org/10.3390/math1010000> (SCI) Corresponding Author
16. Zhao, Z., Cai, H., Ma, H., Zou, S., [Chu, C.](#), (2023). Optimal Multi-Attribute Auctions Based on Multi-Scale Loss Network. *Mathematics*, 11(14), 3240, <https://doi.org/10.3390/math11143240> (SCI) Corresponding Author
17. Sun, Y. & [Chu, C.](#), (2023). Forecasting Chinese Electric Vehicle Volume Using Keyword Search Data Based on SARIMA-LSTM Model, *2023 8th International Conference on Information Systems Engineering (ICISE 2023)* (EI Conference)
18. Ying, Z., Zhang, G., Pan, Z., [Chu, C.](#), & Liu, X. (2023). FedECG: A federated semi-supervised learning framework for electrocardiogram abnormalities prediction. *Journal of King Saud University-Computer and Information Sciences*, 35(6), 101568 (SCI)
19. Ying, Z., Li, W., [Chu, C.](#), Zang, J., Deng, C., Xu, S. (2023). Payment Channel Network Optimization Composed of Merkle Tree with Election Mechanism, *The 3rd International Conference on Blockchain Technology and Information Security (ICBCTIS 2023)*
20. Xu, Z., & [Zhu, J.](#), (2022). Application of Sensor and Fuzzy Clustering Algorithm in Hybrid Recommender System. *Journal of Sensors*. (本篇文章採用內地慣用漢語拼音 Zhu Jiawei) (SCI)
21. Kuang, J., Chang, T., [Chu, C.](#), (2022). Research on Financial Early Warning Based on Combination Forecasting Model., *Sustainability*, 14(19), 12046. (SCI) Corresponding Author
22. Guo, T., [Chu, C.](#), Gao, J., Wang, M. & Lu, W. (2022). Research on Box Office Prediction of Commercial Films Based on Internet Search Index and Multilayer Perceptron. in Roger Lee (Ed.), *Computer and Information Science* (pp.73-84). Springer. (Book Chapter)

23. Lu, Y., [Chu, C.](#), (2022), A Novel Piano Arrangement Timbre Intelligent Recognition System Using Multilabel Classification Technology and KNN Algorithm. *Computational Intelligence and Neuroscience*, vol. 2022, <https://doi.org/10.1155/2022/2205936> (SCI) Corresponding Author
24. 家庭經濟基礎對思政課學習投入影響的實證研究 -- 基於自我效能和自控力的鏈式中介作用. 國特, [朱家偉](#), 周彥志, (2022), *大市場*, 2022 年 9 月. ISSN 1671-7902 Corresponding Author
25. 澳門移動支付市場之探究與分析(2018), [胡慧珊](#)、[李懿鰲](#)、[沈哲鑫](#)、[朱家偉](#), *澳門經濟學會學報*, ISSN:1608-6783 (本文為論文競賽公開組第二獎), 第 46 期, 2019 年 7 月, pp.89-104  
The Study & Analysis of Mobile Payment Market in Macau. [WaiSan Wu](#), [YiAo Li](#), [ZheXin Shen](#), [Chia-Wei Chu](#) (2019), *Journal of Macau Economy*, 46, pp. 89-104
26. 澳門高校創新教學經驗分享(2019/7/19), [朱家偉](#), 臺灣師範大學教務處主辦, 2019「深度討論・國文創新教學論壇」。
27. 微學分教學模式之行動研究以「數位中文力」課程為例(2019), [汪淑珍](#)、[朱家偉](#), 2019 教學實踐研究暨校務研究學術研討會論文集 ISBN:978-986-05-9353-2, 台灣: 宜蘭大學, 2019 年 4 月 26 日, pp.141-152  
[ShuChen Wang](#), [ChiaWei Chu](#) (2019). The Action Research of Microcredit Teaching Model using Digital Chinese Proficiency Course as an Example. Presented at the 2019 Conference of Higher Education Sprout Project & Teaching Practice Research. Yilan Taiwan. April 26. ISBN:978-986-05-9353-2
28. 移動遊戲市場區隔之研究 (2018), [汝森](#)、[朱家偉](#)、[江健明](#), 2018 第十九屆電子化企業經營管理理論暨實務研討會論文集(產業與市場分析組傑出論文) ISBN:978-986-95218-1-9, 台灣:大葉大學, 2018 年 5 月 25 日  
[Sen Ru](#), [ChiaWei Chu](#), [JianMing Jiang](#) (2018). A Study on Market Segmentation of Mobile Game. Presented at the Conference of e-Business and Management. ChangHua Taiwan. May 25. ISBN:978-986-95218-1-9
29. BP 神經網絡演算法預測旅遊網站服務滿意度之研究 (2018), [孫一博](#)、[朱家偉](#), 2018 第十九屆電子化企業經營管理理論暨實務研討會論文集 ISBN:978-986-95218-1-9, 台灣: 大葉大學, 2018 年 5 月 25 日  
[YiBo Sun](#), [ChiaWei Chu](#) (2018). The Study of Tourism Website Satisfaction Prediction Based on Back Propagation Algorithm. Presented at the 2018 Conference of e-Business and Management. ChangHua Taiwan. May 25. ISBN:978-986-95218-1-9
30. 基於百度指數對澳門旅遊人數的預測 (2018), [謝昕](#)、[朱家偉](#), 2018 第十九屆電子化企業經營管理理論暨實務研討會論文集 ISBN:978-986-95218-1-9, 台灣: 大葉大學, 2018 年 5 月 25 日  
[Xin Xie](#), [ChiaWei Chu](#) (2018). The Forecasting on the Number of Inbound Passengers of Macau Based on Baidu Index. Presented at the Conference of e-Business and Management. ChangHua Taiwan. May 25. ISBN:978-986-95218-1-9
31. 運用 QR-Code 於當代藝術課程學習成效之研究 (2018), [竇東瀛](#)、[李懿鰲](#)、[沈哲鑫](#)、[朱家偉](#), 2018 高教深耕暨教學實踐研究研討會論文集 ISBN:978-986-05-6072-5, 台灣:國立宜蘭大學, 2018 年 5 月 9 日



- DongYing Dou, YiAo Li, ZheXing Shen, ChiaWei Chu (2018). The Study of Learning Effect on Contemporary Art Course Utilizing QR-Code Technique. Presented at the 2018 Conference of Higher Education Sprout Project & Teaching Practice Research. Yilan Taiwan. May 9. ISBN:978-986-05-6072-5
32. 微學分協同教學培養故事力之行動研究 (2018), 汪淑珍、朱家偉, 2018 高教深耕暨教學實踐研究研討會論文集 ISBN:978-986-05-6072-5, 台灣:國立宜蘭大學, 2018 年 5 月 9 日  
ShuChen Wang, ChiaWei Chu (2018). The Action Research of Storytelling Cultivating on a Microcredit Team Teaching Course. Presented at the 2018 Conference of Higher Education Sprout Project & Teaching Practice Research. Yilan Taiwan. May 9. ISBN:978-986-05-6072-5
33. 流動通訊市場區隔之研究-以澳門 4G 市場為例 (2018), 胡慧珊、朱家偉、汝 森, 2017 澳門經濟論文競賽, 澳門:澳門經濟學會 (公開組第三獎論文), 2018 年 1 月 13 日  
WaiSan Wu, Chia-Wei Chu, Sen Ru (2018), The Study of 4G Mobile Broadband Market Segmentation in Macau. Presented at the 2017 Conference on Macau Economy, Macau, January 13.
34. Interaction Design in Virtual Reality Game Using Arduino Sensors (2018), Juin-Ling Tseng, Chia-Wei Chu, book chapter in “Simulation and Gaming” Edited by Dragan Cvetkovic, IntechOpen: London UK, Published: February 14 2018, ISBN: 978-953-51-3803-7
35. 運用 Google Trends 指數於旅遊需求預測之研究 (2017), 朱家偉, 2017 東亞經濟與管理研討會, 台灣:國立宜蘭大學 (佳作論文), 澳門基金會 2015-2016 項目  
Chia-Wei Chu, Juin-Ling Tseng, Ching-Fa Shen (2017), Forecasting Tourism Demand Based on Google Trends. Presented at the 2017 Conference on East Asia Economy and Management, Yilan Taiwan, May 26.
36. 社區教保機構經營管理之研究---澳門社區保母的定位與發展 (2017), 沈錦發, 劉乃華, 朱家偉, 澳門研究, 2017 年第 3 期.  
The Positioning and Development of the Macau Community Nanny, ChingFa Shen, NaiHua Liu, Chia-Wei Chu (2017). Macao Research. Macau: Macau Foundation, (3), pp. 57-67.
37. 文字魔術師: 文案寫作指導 (2016), 汪淑珍, 陳敬介, 姜明翰, 蔡娉婷 & 朱家偉, 五南圖書, ISBN:978-957-11-8452-4  
The Magic of Words: A Practical to Copywriting (2016), Shu-Chen Wang, Ching-Chieh Chen, Ming-Han Chiang, Ping-Ting Tsai & Chia-Wei Chu, Wu-Nan Culture Enterprise, ISBN:978-957-11-8452-4
38. 探討澳門青年之工作價值、人格特質與就業傾向: 以澳門威尼斯人酒店、澳門銀河酒店與澳門新葡京酒店為例 (2015), 王仁宏, 朱家偉, 梁宇森, 蕭健禧, 何永傑, 古偉雄, 洪輝煌, 2015 澳門青年創業就業置業交流會論文集, 澳門: 澳門城市大學
39. QR Code 應用於觀光旅遊之探討 (2015), 朱家偉, 藝見學刊 (ISSN 2223-4470) 第 9 期, pp 81-90 DOI:10.6207/ART-VISION.2014.4(7)081-090  
Use of QR Code in Tourism (2015), Chia-Wei Chu, Art-Vision (ISSN 2223-4470) 4(9), pp 81-90 DOI:10.6207/ART-VISION.2014.4(7)081-090



40. *Combining Multiple Classifications of Chemical Structure using Consensus Clustering*, Chia-Wei Chu, John Holliday, and Peter Willett (2012), *Bioorganic & Medicinal Chemistry* 20(18), pp. 5366-5371 (Impact factor 2.978 in 2010) DOI: [10.1016/j.bmc.2012.03.010](https://doi.org/10.1016/j.bmc.2012.03.010)
41. *A Study of Mobile Learning on General Education in Technological and Vocational Institutes*, Chia-Wei Chu, Proceedings of 2011 Conference on M-Learning and General Education, Miaoli (2011)
42. *Effect of Data Standardization on Chemical Clustering and Similarity Searching*, Chia-Wei Chu, John D. Holliday, and Peter Willett (2009), *Journal of Chemical Information & Modeling*, 49(2), pp. 155-161 (SCI) (Impact factor 3.822 in 2010) DOI: [10.1021/ci800224h](https://doi.org/10.1021/ci800224h)
43. *An Efficient Clustering Algorithm for Categorical Attributes*, Chia-Wei Chu, *Journal of Chinmin College*, 11, Taiwan (2005), pp 129-135.
44. *Preserving the Features of Low Resolution Model Using Unbalanced Factors*, Juin-Ling Tseng, Hung-Hsin Chang, Chia-Wei Chu & Chih-Wei Chao, *Journal of Chinmin College*, 10, Taiwan (Aug 2004), pp 43-49.
45. *The Effect of Utilizing Morph in a Multimedia Chinese Character Learning System*, Chia-Wei Chu, Master's Thesis, Da-Yeh University (1996)
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## Professional Service/專業服務

### [行政方面/Administration Aspect]

委員 (大學/校級)學術委員會 --澳門城市大學 2023.08- 2024.08  
Member of University Academic Committee / City University of Macau

委員 數據科學院-學術委員會 --澳門城市大學 2021.08-now  
Member of Faculty Academic Committee / FDS, City University of Macau

列席專家 澳門高等教育委員會/高等教育合作與科技廳-研發成果產業化專責小組  
2019-08-2020.08  
In Attendance Member of Task Force on Industrialization of R&D Results / Higher Education Committee of Macau

委員 教學專責小組 --澳門城市大學 2019.08-2020.08  
 Member of Task Force on Teaching and Learning / City University of Macau  
 委員 圖書資訊服務專責小組 --澳門城市大學 2019.08-2020.08  
 Member of Task Force on Library Information Services / City University of Macau

委員 (大學/校級)學術委員會 --澳門城市大學 2019.08-2020.08  
 Member of University Academic Committee / City University of Macau  
 委員 商學院-學術委員會 --澳門城市大學 2018.08-2020.08  
 Member of Faculty Academic Committee / FOB, City University of Macau

**[學術方面/Academic Aspect]**

<b>Organization/ Institution</b>	<b>Position</b>	<b>Year</b>
Knowledge and Information Systems – An International Journal	Reviewer Team Member	2024
The Journal of Supercomputing	Reviewer Team Member	2024
International Conference on Algorithms and Architectures for Parallel Processing	Track Chair	2024
International Journal on Data Science and Technology <a href="http://www.ijdst.org/editorialboard?editorialboardtypeid=4">http://www.ijdst.org/editorialboard?editorialboardtypeid=4</a> <a href="http://www.ijdst.org/editorialboard">http://www.ijdst.org/editorialboard</a>	Reviewer Team Member	2020.08-now
International Conference on Asia-Pacific Digital Libraries <a href="https://icadl.net/icadl2020/#pcmembers">https://icadl.net/icadl2020/#pcmembers</a>	Program Committee Member	2020.07-now
International Conference on Trends in Mechanical Engineering	Program Committee Member	2020.07-now
Association of Information Science and Technology (Asia-Pacific Chapter)	Panelist	2020.07-now
Task Force on Industrialization of R&D Results / Higher Education Committee of Macau	Attendance Member	2019.08 – 2020.08
Art Vision Journal (ISSN 2223-4470)	Editorial Reviewer	2018 – now
Hsuan Chuang University	External Examiner Teaching Innovation Project	2017