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Education

- Doctor, College of Management (Information management), National Kaohsiung University of Science and Technology, 2023/7

Area of Specialty

- Knowledge Management
- Cloud Computing
- Innovation Management
- E-learning
- E-commerce

Academic Experience

- Associate Professor, Department of Information Management, Southern Taiwan University of Science and Technology, 2024/8 to present
- Associate Professor, Department of Information Management, Shu-Te University, 2023/9~2024/7
- STEM Researcher, Research Development and Supervision Center, I-Shou International High School, 2022/2~2023/8
- Lecturer, Department of Business Administration, Far East University, 2019/7~2020/7

Journal Papers

1. Chou, S. W., Hsieh, M. C.*, & Pan, H. C. (2023). Understanding the impact of self-regulation on perceived learning outcomes based on social cognitive theory. Behaviour & Information Technology, 43(6), 1-20. [SSCI].
2. Chou, S. W., Hsieh, M. C., & Pan, H. C. (2023). Understanding viewers' information-sharing in live-streaming based on a motivation perspective. Online Information Review, 47(1), 177-196. [SSCI]
3. Hsieh, M. C., Pan, H. C., Hsieh, S. W., Hsu, M. J., & Chou, S. W. (2022). Teaching the Concept of Computational Thinking: A STEM-Based Program

With Tangible Robots on Project-Based Learning Courses. Frontiers in Psychology, 12(828568). [SSCI]

Conference Papers

1. Xiao-Min Ye*, Ming-Chia Hsieh, Hui-Chun Pan, Meng-Jun Hsu, Hui-Tzu Min, and Shih-Wei hou. (2024) "Understanding social media stress of organizations from a fit perspective," The 11th Multidisciplinary International Social Networks Conference (MISNC2024), August 21-23, Bali, Indonesia.

2. Wei, K.A., Chou, S. W., Hsieh, M. C., and Pan, H. C. (2024). "Understanding the Impact of Satisfaction with Social Word-of-Mouth on Compulsive Online Buying Behavior: A Dual-System Theory Perspective," The 35th International Conference on Information Management, Jun, Taipei, Taiwan.

3. Li W. C., Hu J.J., and Pan, H. C. (2024). "A Study of Impact of Assisted of information and multimedia into Teaching on Elementary School Students' volleyball underhand serve effectiveness," 2024 Conference Information Technology and Application in Outlying Islands, p.1177, Kinmen, Taiwan.

4. Hsu, Y. P., Hu J.J., and Pan, H. C. (2024). "Elementary school teachers' satisfaction with using Wordwall digital teaching game to integrate Chinese literacy teaching," 2024 Conference Information Technology and Application in Outlying Islands, p.1200, Kinmen, Taiwan.

5. Pan, H. C, Hsieh, M. C., Chou, S. W. (2023) "Understanding User's Agility Alignment of Using Big Data Analytics System that Affects Personal Action Efficacy," International Conference on Intelligent Computing and its Emerging Application (ICEA), December 14-15, Kaohsiung, Taiwan.

6. Pan, H. C., Hsieh, M. C., Chou, S. W. (2023). "Understanding The User's Value Creation From the IT Mindfulness–Fit Framework: An Example of Cloud Collaboration System," The 13th Forum on Service Science Research (2023FSSR Best Paper Recommendation Award), September 9-2, Kaohsiung, Taiwan.

7. Chou, S. W., Min, H. T., Hsieh, M. C., Pan, H. C., & Hsu, C. S. (2021) "Understanding E-learners' Mindfulness of IT Use That Affects Value Creation" The 25th Pacific Asia Conference on Information Systems (PACIS 2021), July 12-14, Dubai, 186.

8. Hsieh, M. C., Pan, H. C., Huang, M. C., and Tsai, T. Y. (2019). "Predicting Consumers' Intention to Purchase Life Insurance Online by Computer Self-efficacy and Extended Technology Acceptance Mode," The 25th International Conference on Information Management & Practice (IMP 2019), December 7, Kaohsiung, Taiwan.

9. Hsieh, M. C., Yu, Y. C., Pan, H. C., Liang, Y. J. (2019). "The Impact of SNS Usage On E-Word-of-Mouth in Perspective of the Social Capital Theory," The

25th International Conference on Information Management & Practice (IMP 2019), December 7, Kaohsiung, Taiwan.
10. Hsieh, M. C., Pan, H. C., and Pan, C. J. (2018). "Research on the impact on the acceptance of smart pipeline link joint detection system," The 24th International Conference on Information Management & Practice (IMP 2018), December 1, Tainan, Taiwan.

Professional Certifications

1. ISO 14067:2018 version Carbon footprint internal verifier, TTA-6354-4, Taiwan Technology Approvals Co., Ltd. (TTA), 2022/9/19.
2. ISO 14064-1:2018 version Greenhouse gas verification and verification internal verifier, TTA-6368-3, Taiwan Technology Approvals Co., Ltd. (TTA), 2023/11/22.
3. GET STARTED TEACHING COMPUTING IN PRIMARY SCHOOLS: PREPARING TO TEACH 5 - 11 YEAR OLDS, jtxrbvy, Raspberry Pi Foundation and National Centre For Computing Education, 2022/10/27.
4. TEACHING COMPUTING SYSTEMS AND NETWORKS TO 5- TO 11-YEAR-OLDS, v5jt4f1, Raspberry Pi Foundation and National Centre For Computing Education, 2022/10/27.
5. TEACHING DATA AND INFORMATION TO 5- TO 11-YEAR-OLDS, mbxnaau, Raspberry Pi Foundation and National Centre For Computing Education, 2022/10/27.
6. TEACHING PROGRAMMING TO 5- TO 11-YEAR-OLDS, 8hrgph7, Raspberry Pi Foundation and National Centre For Computing Education, 2022/10/27.
7. Microsoft Azure AI Fundamentals, wyzYn-48DY, Microsoft, 2020/11/26.

Grants

1. National Science and Technology Council, NSTC 113-2410-H-366 -002, "Exploring E-learners' IT Mindfulness and Its Impact on Postadoption behavior: A Dedication-Constrain relationship of Commitment in Live Streaming Learning Environments," 113/01/01～113/12/31.

Entrusted Practical Project

1. HORNG DER YUH SCREW CAP CO., LTD.: ISO 14064 Greenhouse Gas Inventory Service Plan, from 2024 Industrial Development Administration Ministry of Economic Affairs-Manufacturing Transformation Promotion Plan-Carbon Inventory Value-Added Application, 20243/15~2024/9/16.

2. YOW CHERN CO., LTD.: ISO 14064 Greenhouse Gas Inventory Service Plan, from 2024 Industrial Development Administration Ministry of Economic Affairs-Manufacturing Transformation Promotion Plan-Carbon Inventory Value-Added Application, 20243/15~2024/9/16.
3. SYSFERR MANUFACTURING CORPORATION: ISO 14064 Greenhouse Gas Inventory Service Plan, from 2024 Industrial Development Administration Ministry of Economic Affairs-Manufacturing Transformation Promotion Plan-Carbon Inventory Value-Added Application, 20243/15~2024/9/16.
4. KEY-USE INDUSTRIAL WORKS CO., LTD.: ISO 14064 Greenhouse Gas Inventory Service Plan, from 2024 Industrial Development Administration Ministry of Economic Affairs-Manufacturing Transformation Promotion Plan-Carbon Inventory Value-Added Application, 20243/15~2024/9/16.
5. TENG TSAI PRECISION INDUSTRY CO., LTD.: ISO 14064 Greenhouse Gas Inventory Service Plan, from 2024 Industrial Development Administration Ministry of Economic Affairs-Manufacturing Transformation Promotion Plan-Carbon Inventory Value-Added Application, 20243/15~2024/9/16.
6. HORNG DER YUH SCREW CAP CO., LTD.: ISO 14067 Product Carbon Footprint Service Plan, from 2024 Industrial Development Administration Ministry of Economic Affairs-Industrial product carbon emissions, 2024/3/20-2024/8/20.
7. YOW CHERN CO., LTD. : ISO 14067 Product Carbon Footprint Service Plan, from 2024 Industrial Development Administration Ministry of Economic Affairs-Industrial product carbon emissions, 2024/3/20-2024/8/20.
8. SYSFERR MANUFACTURING CORPORATION: ISO 14067 Product Carbon Footprint Service Plan, from 2024 Industrial Development Administration Ministry of Economic Affairs-Industrial product carbon emissions, 2024/3/20-2024/8/20.
9. KEY-USE INDUSTRIAL WORKS CO., LTD.: ISO 14067 Product Carbon Footprint Service Plan, from 2024 Industrial Development Administration Ministry of Economic Affairs-Industrial product carbon emissions, 2024/3/20-2024/8/20.
10. TENG TSAI PRECISION INDUSTRY CO., LTD.: ISO 14067 Product Carbon Footprint Service Plan, from 2024 Industrial Development Administration Ministry of Economic Affairs-Industrial product carbon emissions, 2024/3/20-2024/8/20.