

陳怡君教師

二、學術文章

研討會論文

1. **Chen, Y. C.***, Chou, C. H., & Chen, T. (2024, Mar). *Climate change and ocean sustainability education: Enhancing teachers' ocean literacy, environmental awareness, and environmental behaviors* [Poster presentation]. The 10th Asian Conference on Education & International Development (ACEID), Tokyo, Japan.
2. **Chen, Y. C.*** (2023, Nov). *The important but less emphasized spatial competence in learning astronomy: Decoding domain-specific intrinsic-static spatial information* [Poster presentation]. The 15th Asian Conference on Education (ACE), Tokyo, Japan.
3. Chiu, T., **Chen, Y. C.**, Tien, C. H., Lin, Y. T., Chen, Z. H. & Wu, C. C.* (2019, Jun). *Cognitive neuroscience of program comprehension* [Paper presentation]. The 7th International Workshop on Advanced Learning Sciences (IWALS), Jyväskylä, Finland.
4. Chen, Y. W., **Chen, Y. C.**, Chen, Z. H., Lin, Y. T., & Wu, C. C. * (2019, Jun). *Programming in a game-based environment: performance, working memory, and area of attention* [Paper presentation]. The 7th International Workshop on Advanced Learning Sciences (IWALS), Jyväskylä, Finland.
5. **Chen, Y. C.*** & Yang, F. Y. (2017, Oct). *Exploring the associations among spatial ability, prior knowledge and science learning achievement* [Paper presentation]. Asian Conference on Education (ACE), Kobe, Japan.
6. **陳怡君***與楊芳瑩 (2016, 12月)。初探個人科學認識信念與科學學科表現及知識結構的關係—以天文主題為例 [口頭發表]。The Second International Conference for Personal Epistemology and Learning. 國立臺灣科技大學，臺北市，臺灣。
7. **Chen, Y. C.*** & Yang, F. Y. (2014, Apr). *Exploring cognitive processes in solving 3D rotation problems and the relation to science concept learning* [Paper presentation]. National Association of Research in Science Teaching (NARST), Pittsburgh, USA.
8. **陳怡君***與金若蘭 (2012, 12月)。國中數理資優生的地球科學課程設計初探—結合科學教育理念的教學[口頭發表]。第28屆科學教育國際研討會。國立臺北教育大學，臺北市，臺灣。
9. **Chen, Y. C.*** & Yang, F. Y. (2011, Aug). *Exploring the graphical representations in the high-school earth science textbooks* [Paper

presentation]. European Association for Research on Learning and Instruction (EARLI), Exeter, England.

10. 陳怡君*、張俊彥與楊芳瑩 (2008, 12 月)。探討後設認知與問題解決相關因素之關係—以土石流 CAI 問題解決課程為例 [口頭發表]。第 24 屆科學教育國際研討會。國立彰化師範大學，彰化市，臺灣。
11. Chang, C. Y.* , Chen, Y. C. & Yeh, T. K. (2007, Dec). *Research on the development of hazards-mitigation related teaching resources and outreach program in the secondary school* [Poster presentation]. 2007 International Symposium on Education Disaster Prevention, Taipei, Taiwan. **This paper won the Outstanding Poster Award.**
12. Chang, C. Y.* , Barufaldi, J. P., Lin, M. C., Chen, Y. C. & Jhan, J. Y. (2005, Jun). *Online assessing tenth-grade students' problem solving ability in the area of Earth Sciences* [Paper presentation]. ED-MEDIA 2005-World Conference on Educational Multimedia, Hypermedia & Telecommunications, Montreal, Canada.