姓名職稱	蔡嘉哲 Chia-jer Tsai, Ph.D., F.T.B.E. 教授級專業技術人員/教師發展中心
	主任
學歷	國立台灣大學電機工程學士,美國佛羅里達州立大學教學系統科技碩、博
	士
專長	系統化教學設計、數位學習、使用者介面人因設計、英文軟體需求與規格
	撰寫、科技與學術英文
電子郵件信箱	ChiajerTsai@mail.wzu.edu.tw
連絡電話	07-3426031 #6324 或#2901

經歷

海軍通信電子學校英文教官

中興工程顧問社電機工程師

美國西南研究院教學訓練設計專家暨專案管理經理

美國 AT&T 貝爾實驗室軟體人機介面設計暨系統分析師

美國 Baparoma 公司行銷副總經理

行政經歷

文藻外語學院/文藻外語大學 教師發展中心主任

期刊論文

- 1. 蔡嘉哲 (1995). 結合數位多媒體與話語辨認技術的電腦輔助美語教學系統. 教學科技與媒體, 19, 32-37. (See http://www.taect.org/doc/periodical/list-19-24.htm)
- 2. Wager, W., Heye, P., & Tsai, C.-j. (1995). Technology needs assessment in higher education. College and University Media Review, 2(1), 24.
- 3. 蔡嘉哲 (1994). 運用電腦科技實施問卷調查. 教學科技與媒體, 15, 48-51. (See http://www.taect.org/doc/periodical/list-13-18.htm)
- 4. Tsai, C.-j. (1993). Seeking out engineering training needs. Technology Today, 14(2), 12-15. (See http://www.swri.org/3pubs/ttoday/archives.htm#Others)
- 5. Bowers, D., & Tsai, C.-j (1990). HyperCard in educational research: An introduction and case study. Educational Technology, 30(2), 19-24.
- 6. Tsai, C.-j. (1988). Hypertext: Technology, applications, and research issues. Journal of Educational Technology Systems, 17(1), 3 14. (See http://baywood.metapress.com/(obsb4fns1qq0ummdsms1vi55)/app/home/contribution.asp?referrer=parent&backto=issue,3,8;journal,67, 131;linkingpublicationresults,1:300322,1)
- 7. Derry, S. J., Hawkes, L. W., & Tsai, C.-j. (1987). A theory for remediating problem solving skills of older children and adults. Educational Psychologist, 22, 55 87.

8. Tsai, C.-j. & Derry, S. J. (1987). Application of schema theory to the instruction of arithmetic word problem solving skills. In M. R. Simonson & S. Zvacek (Eds.), The 1987 proceedings of selected research paper pre¬sentations of the Research and Theory Division (pp. 745 756). Washington, DC: Association for Educational Communications and Technology.

研討會論文

- 1. 周春曉,楊雄彬,蔡嘉哲(2016年03月)。搭配數位3D 擴增實境 App 之多國語台灣蝴蝶有聲書研發。2016第十一屆數位教學暨資訊實務研討會,台南市。
- 2. 蔡嘉哲(2015年06月)。數位學習教材系統化設計:以資訊安全教學為例。2015數位科技 與創新管理研討會,新北市。
- 3. 蔡嘉哲(2014年05月)。客製外文科系的「資訊概論」課程。2014年科學暨通識創新教學研討會,高雄市。
- 4. Tsai, C.-j. (2010, Oct). Adapting software feature management methodology for effective management of university needs. The Fifth U-6 Forum on International Cooperation and Education, 合肥市, 中國大陸。
- 5. Shi-Chung Chang, Yi-Ren Chiou, Chia-Chiang Lai, Rong-Huei Chen, Li-Wei Yeh, Chia-jer Tsai (2010, May). Behavior modeling of teaching material sharing network. IEEE First International Workshop on Social Networks, Cape Town.
- 6. Tsai, C.-j. (2008). Application of the Events of Instruction in the Gagné-Briggs ISD Model: A Design Example in Language Instruction. Paper presented at the Fifth Annual Conference of Cross Strait Institutes of Foreign Languages, Kaohsiung.
- 7. Tsai, C.-j. (2004). Usability approach to reducing concept-to-code cycle time: An interdisciplinary practitioner's view. Paper presented at the
- 8. Greco, A., Harrison, C., Lamb, P., Stockburger, E., Striegel, A., & Tsai, C.-j. (2001). AT&T WorldNet Member Services feedback: Lessons learned. Paper presented at the AT&T User Experience Symposium 2001, Red Bank, NJ.
- 9. Tsai, C.-j. (2000). User experience engineering: A case study of a service Web portal for the mass market. Paper presented at the Seventh Annual Multimedia and Networking Technology Conference, Newark, NJ.
- 10. Tsai, C.-j. (1997). Extranet security. Paper presented at the AT&T User Experience Symposium 1997, Red Bank, NJ.
- 11. Tsai, C.-j. & Royse, S. D. (1995). Using digital multimedia to provide integrated performance support and training. Proceedings of the Eleventh Symposium on Training of Nuclear Facility

- Personnel. Oak Ridge, TN: Oak Ridge National Laboratory.
- 12. Tsai, C.-j. (1993, November). ICACRS: An integrated job aid/tutorial multimedia system. Paper presented at the 1993 AACP/SACPA Winter Conference, San Antonio, TX.
- 13. Tsai, C.-j. (1992). Training development software tools to support system acquisition missions. The 14th Interservice/Industry Training Systems and Education Conference proceedings (pp. 102-109). Washington, DC: National Security Industrial Association.
- 14. Tsai, C.-j. (1991). Using instructional systems development to support manufacturing. International Programmable Control (IPC) Conference proceedings: Integrating people and technology for competitive manufacturing (pp. 943-947). Detroit, MI: The Engineering Society of Detroit (ESD).
- 15. Tsai, C.-j. & Golas, K. C. (1991, April). Using Digital Video Interactive (DVI) technology to educate plant personnel. Paper presented at the International Programmable Control (IPC) Conference, Detroit, MI.
- 16. Ley, K. L., Dick, W. D., & Tsai, C.-j. (1987, March). Success opportunity: Effect on learner achievement and affect. Paper presented at the annual conference of the Association for Educational Communications and Technology, Atlanta, GA.
- 17. Emerging Information Technology Conference 2004, Princeton, NJ. (See http://www.eitc.org/2004/program.html)
- 18. Tsai, C.-j. (2002). Usability principles and their application in Web design. Paper presented at the Chinese Institute of Engineers Annual Convention 2002, Newark, NJ.

產學合作、技術報告及其他

- 1. 蔡嘉哲(2016年)。「『與世界分享台灣生命教育』產學合作研究計畫」子計畫一(年度一)。 企業產學計畫(含公營及私人企業)。
- 2. 蔡嘉哲,梁丁文(2015年)。數位典藏網站建置需求分析之研究。其他單位產學計畫。
- 3. 周春曉,蔡嘉哲(2015年)。文化網站視覺介面之研究。其他單位產學計畫。
- 1. 蔡嘉哲(2013年08月)。企業網站易用性專家評鑑。企業產學計畫(含公營及私人企業)。
- 蘇彥衍,蔡嘉哲(2013年04月)。如何應用系統化方法有效選用培訓課程與教材。企業產學計畫(含公營及私人企業)。
- 3. 蔡嘉哲(2012年07月)。輔助學習數位教材設計與研究-以國小成語動畫教學為例。企業產學計畫(含公營及私人企業)年07月)。
- 4. 蔡嘉哲(2011年07月)。《自製教材大師》軟體功能之分析與建議。企業產學計畫(含公營

及私人企業)。

- 5. 蔡嘉哲(2010年07月)。IC3計算機綜合能力考核測驗正體中文版翻譯文字之分析與建議。 企業產學計畫(含公營及私人企業)。
- 6. 蔡嘉哲(2008年)。網頁製作軟體應用於數位教材製作之使用者回饋分析。企業產學計畫(含 公營及私人企業)。
- 7. Tsai, C.-j. (1999). Java: GUI design using Visual CaféTM. Tutorial presented at the Internet Technologies Workshop of the AT&T User Experience Symposium 1999, Red Bank, NJ.
- 8. Cater, J. P. & Tsai, C.-j. (1994, May). Using virtual environment technology for hazardous and/or complex skills training. Presentation at the Workshop on Assessment of Environmental Hazards for the R.O.C. Environment Protection Agency trainees, San Antonio, TX.
- 9. Tsai, C.-j. (1994, February). Robustness methodology. Seminar for SwRI course development project team, San Antonio, TX.
- 10. Tsai, C.-j. (1992, May). Using digital multimedia technology for museum informatics applications. Presentation to the fact-finding mission from the Institute for Information Industry and the National Palace Museum, Taiwan.
- 11. Tsai, C.-j. (1991, February). Digital Video Interactive (DVI) technology and its applications to training. Presentation at the Seminar in Instructional Systems, Department of Educational Research, Florida State University, Tallahassee, FL.
- 12. Tsai, C.-j. (1989). The effects of cognitive load of learning and prior achievement in the hypertext environment. Doctoral dissertation, Florida State University, Tallahassee.
- 13. Tsai, C.-j. (1988, November). Applying hypertext to learning research: A case study. Presentation to the Applied Cognitive Research Program, Human Resources Research Organization, Alexandria, VA.