

第五屆國科會科教處 資訊教育學門 薪火相傳研習會

會議日期： 102年1月18日(星期五)

102年1月19日(星期六)

會議地點： 台北劍潭青年活動中心

325, 328教室



指導單位：

主辦單位：

協辦單位：

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第五屆國科會科教處資訊 教育學門薪火相傳研習會

時間： 102 年 1 月 18 日(星期五) 9:30~18:00
102 年 1 月 19 日(星期六) 8:00~16:10

活動地點： 台北劍潭青年活動中心
台北市士林區中山北路四段 16 號(捷運劍潭站)

指導單位： 行政院國家科學委員會

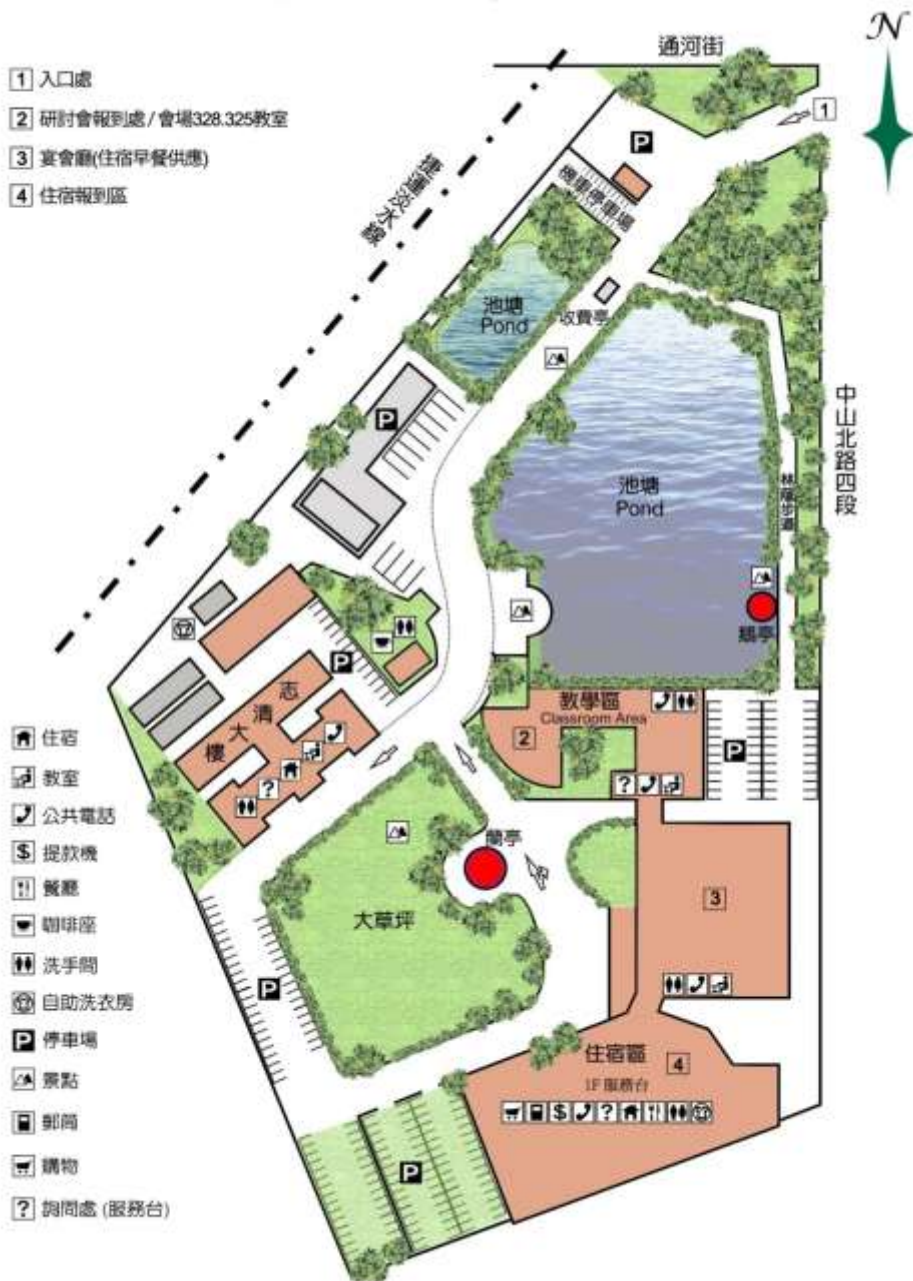
主辦單位： 國立臺灣師範大學

協辦單位： 國立台灣科技大學



Location Map

劍潭海外青年活動中心園區平面圖



師範大學 TELL Lab 工作人員

能為您服務是我們的榮幸，請不吝指教！



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活動議程 - 第一天

第一天 (102年1月18日、星期六) - 325教室

時間	活動內容		主持人
09:30~ 10:00	報 到		
10:00~ 10:30	開幕式 & 拍攝第五屆數位學習薪火相傳研討會團體照		張校長國恩 /蔡教授今中 /楊教授鎮華
10:30~ 11:00	陳處長國棟 致詞		張校長國恩
11:00~ 12:00	專題演講 S1	林教授珊如 「資訊教育領域學術發展的 取向與典範」	蔡教授今中
12:00~ 13:30	午 餐		
13:30~ 14:00	參與人員自我介紹與分享交流		黃教授悅民
14:00~ 15:30	Panel 1 計畫申請、 執行、與產出	引言人 周教授倩、洪教授榮昭、 劉教授子鍵	吳教授心楷
15:30~ 16:00	茶 敘		
16:00~ 17:00	專題演講 S2	蔡教授今中 「論文寫作與 投稿常犯的錯」	陳教授攸華
17:00~ 18:00	Panel 2 如何帶學生	引言人 陳教授攸華、吳教授心楷、 黃教授悅民	楊教授接期
18:00~	散 會		

活動議程 - 第二天

第二天 (102年1月19日、星期六) - 328教室

時間	活動內容		主持人
08:00~ 09:30	報 到		
09:30~ 10:30	專題演講 S3	陳教授德懷 「研究生涯點滴」	林教授珊如
10:30~ 11:30	Panel 3 申請出國進修	引言人 張教授智凱、蔡教授孟 蓉、林教授秋斌	劉教授子鍵
11:30~ 14:00	午餐交流		
14:00~ 15:00	分組諮詢 (經驗傳承) : 陳教授志 銘、黃教授悅民、楊教授接期、施教 授如齡、劉教授子鍵、侯教授惠澤、 梁教授至中		張教授智凱
15:00~ 15:10	拍攝第五屆數位學習薪火相傳研討會團體照		
15:10~ 16:10	綜合討論 張校長國恩、陳處長國棟、楊教授鎮 華、蔡教授今中		張校長國恩
16:10~	賦歸		

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**Computer-Aided Learning System、
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Based Learning**



1. Chang, K. E., Wu, L. J., Weng, S. E., Sung, Y. T.(2012). Embedding game-based problem-solving phase into problem-posing system for mathematics learning. *Computers and Education*, 58(2), 775-786. DOI: 10.1016/j.compedu.2011.10.002.
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1. Yang, Y.-F., & Tsai, C.-C. (2010). Conceptions of and approaches to learning through online peer assessment. *Learning and Instruction*, 20, 72-83.
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8. Tsai, P.-S. & Tsai, C.-C. (in press). College students' experience of online argumentation: Conceptions, approaches and the conditions of using question prompts, *The Internet and Higher Education*.

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1. Lan, Y. J., Kan, Y. H., Hsiao, I.Y.T. , Yang, S.J.H., & Chang, K.E. (in process). Designing interaction tasks in Second Life for CFL learners: a preliminary exploration. *Australasian Journal of Educational Technology*.
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5. Chang, K. E., Lan, Y. J., Chang, C. M., & Sung, Y. T. (February 2010). A mobile-device-supported strategy learning for Chinese reading comprehension. *Innovations in Education and Teaching International*,47(1), 69-84.



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Gamer psychological process

1. Yeh, Y.-C., Lin, S. S. J.*, & Tseng, I. S., & Hwang, F.-M. (2012). The questionnaire of Lifestyle Change in Regard to Problematic Internet Use: Factor structure and concurrent and cross-year predictive utilities. *The Turkish Online Journal of Educational Technology*, 11(4), 315-324.
2. Chiang, Y. T., Lin, S. S. J.*, Cheng, C. Y., & Liu, E. Z. F. (2011). Exploring online game players' flow experiences and positive affect. *The Turkish Online Journal of Educational Technology*, 10 (1), 106-114. highly cited paper by Essential Science Indicators 2012
3. Chiang, Y.-T., & Lin, S. S. J.* (2010). Adolescent players' playfulness and psychological needs in online games. *Social Behaviors and Personality*, 38(5).

Information Search for learning

4. Lei, P.-L., Lin, S. S. J., & Sun, C. T. (accepted). Effect of reading ability and Internet experience on keyword-based image search. *Educational Technology & Society*.
5. Lei, P.-L., Kao, G. Y. M., Lin, S. S. J., Sun, C. T. (2009). Impacts of geographical knowledge, spatial ability and environmental cognition on image searches supported by GIS software. *Computers in Human Behaviors*, 25(6), 2070-2099.

Learning motivation and strategies

6. Chiang, Y.-T & Lin, S. S. J.* (2012). The measurement structure, stability and mediating effects of achievement goals in math with middle school student data. *Scandinavian Journal of Educational Research*, ifirst.
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8. Chen, S.-K., Yeh, Y.-C. Hwang, F.-M.*, & Lin, S. S. J.* (2011). Cognitive ability, academic achievement and academic self-concept: Extending the Internal/External Frame of Reference Model. *British Journal of Educational Psychology*, 82(2), 308-326.
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1. Wu*, H.-K., Lin, Y. F. & Hsu, Y. S. (in press). Effects of representation sequences and spatial ability on students' scientific understandings about the mechanism of breathing. *Instructional Science*. doi: 10.1007/s11251-012-9244-3 (SSCI)
2. Wu, H.-K.*, Lee, S. W.-Y., Chang, H.-Y., & Liang, J.-C. (2013). Current status, opportunities and challenges of augmented reality in education. *Computers & Education*, 62, 41-49. (SSCI)
3. Wu*, H.-K. & Puntambekar, S. (2012). Pedagogical affordances of multiple external representations in scientific processes. *Journal of Science Education and Technology*, 21(6), 754-767.
4. Wu*, H.-K., & Wu, C. L. (2011). Exploring the development of fifth graders' practical epistemologies and inquiry skills in inquiry-based learning classrooms. *Research in Science Education*, 41(3), 319-340. (SSCI)
5. Wu*, H.-K., Hsu, Y. S., & Hwang, F. K. (2010). Designing a technology-enhanced learning environment to support scientific modeling. *Turkish Online Journal of Educational Technology*, 9(4), 58-65. (SSCI)
6. Wu*, H.-K. (2010). Modeling a complex system: Using novice-expert analysis for developing an effective technology-enhanced learning environment. *International Journal of Science Education*, 32(2), 195-219. (SSCI)

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1. Huang, Y. Y., & *Chou, C. (accepted). Revisiting Cyberbullying: Perspectives from Taiwanese Teachers. *Computers & Education*.
2. Chou, C., Wu, H. C., & Chen, C. H. (in press). Tool, toy, telephone, territory, trade, or treasure of information: A cross-sectional study of Taiwanese students' attitudes toward the Internet. *Chinese Journal of Communication*.
3. Chou, C., Wu, H. C., & Wang, M. H. (2011). A preliminary study of college room-bound male students: Concept exploration and instrument development. *Computers & Education*, 57(4), 2485-2495.
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5. Chou, C., Wu, H. C., & Chen, C. H. (2011). Re-visiting college students' attitudes toward the Internet based on a 6-T model: Gender and grade-level difference. *Computers & Education*, 56(4), 939-947.
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7. Hung, M. L., *Chou, C., Chen, C. H., & Own, Z. U. (2010). Learner readiness for online learning: Scale development and student perceptions. *Computers & Education*, 55(3), 1080-1090.
8. Chou, C., Peng, H., & Chang, C. Y. (2010). The technical framework of interactive functions for course management systems: Students' perceptions, uses, and evaluations. *Computers & Education*, 55(3), 1004-1017.
9. Wu, H. C., *Chou, C., Ke, H. R., & Wang, M. H. (2010). College students' misunderstandings about copyright laws for digital library resources. *Electronic Library*, 28(2), 197-209.

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合作學習、行動學習、學習社群、
學習平台設計

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析、數位遊戲式學習、數位學習知識管理、
Web 2.0 之數位學習運用



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施如齡 教授



國立台南大學：數位學習科技學系
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數位遊戲

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洪榮昭 教授



國立台灣師範大學：工業教育系

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國立臺南大學：數位學習科技學系
資訊教育、科技強化語言學習、人機互動

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梁至中 副教授

國立台灣科技大學：應用科技研究所
Internet-based learning environments, Online information evaluating standard and searching strategy, Web-based continuing learning



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國立中央大學：網路學習科技研究所

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陳志銘 特聘教授

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國立中央大學：資訊工程系

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學習同伴與教育代理人、一對一數位學習、遊
戲式學習

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黃悅民 特聘教授



國立成功大學：工程科學系

**U-learning, Innovative Learning Software,
Affective Learning**

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楊接期 教授



國立中央大學：網路學習科技研究所所長
數位語言學習、數位遊戲式學習、行動學習

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楊鎮華 特聘教授

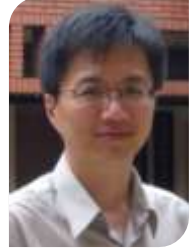
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劉子鍵 教授

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靜宜大學：資訊傳播工程學系 – 網路合作學習、遊戲式學習、多媒體學習系統

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國立中央大學：學習科技研究中心 - 數位學習系統、多媒體教學、
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朱如君 副教授

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吳文琪 副教授

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吳俊育 助理教授

國立交通大學：教育研究所 – 應用統計、教育心理、網路閱讀與資訊探究

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李元萱 助理教授

銘傳大學：教育研究所 - 電子文本閱讀、數位素養、網路資訊探究行為

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元智大學：資訊工程系 - 學習同伴、電腦輔助程式學習、遊戲式學習系統

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國立臺灣師範大學：資訊教育所 - 資訊教育、多媒體技術

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壹、期刊論文(Refereed Paper)

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國立臺南大學：數位學習科技系 - 情感運算、數位藝術、人工智慧、互動設計、擴增實境、數位內容

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洪秀婷 副教授

國立高雄第一科技大學： 應用英語系 – 電腦輔助語言教學、外語教學法、教師專業成長

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洪振偉 助理教授

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孫之元 助理教授

國立交通大學：教育研究所 – 數位學習、學習學、動機學、教育心理、教育科技

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時文中 助理教授

亞洲大學：資訊多媒體應用學系 – 數位學習、雲端運算、專家系統、資料探勘

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高宜敏 助理教授

台灣科技大學：數位學習所 – 數位學習科技、創造力、電子書與閱讀、數位遊戲

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張立杰 副教授

嘉義大學：數位學習設計與管理學系 - 遊戲式學習、科技強化教室、行動學習

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莊雪華 副教授

國立中山大學：師資培育中心 - Multimedia Learning、TPACK

1. Shih, C.-L., *Chuang, H.-H. (accepted). The Development and Validation of an Instrument for Assessing College Students' Perceptions of Faculty Knowledge in Technology-Supported Class Environments. *Computers & Education*. (SSCI journal).
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陳志洪 助理教授

元智大學：資訊傳播系 - 數位遊戲式學習

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陳冠中 助理教授

國立台南大學：教育學系 - 網路學習心理與學習動機、網路學習系統管理與師生支援、TPCK 與資訊科技融入教學、雲端科技應用

1. Jang, S. J., & Chen, K. C. (2010). From PCK to TPCK: Developing a transformative model of pre-service science teachers. *Journal of Science Education and Technology*, 19(6), 553-564. (SSCI)
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陳菁徽 副教授

國立彰化師範大學：工業教育與技術學系 - 教育科技、數位學習、學習動機、專業知識發展、教學系統設計

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陳鴻仁 教授

國立臺中教育大學：數位內容科技學系 – 推薦學習、知識管理與學習專注力

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許智誠 助理教授

國立中央大學：資訊管理學系 – 數位學習，網頁技術，RFID，系統整合

1. A Vocabulary Learning Tool for L2 Undergraduates Reading Science and Technology Textbooks, Chihcheng Hsu & Fang-Chunag Ouyang, International Journal of Science Education (SSCI), (accepted).
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游森期 副教授

國立臺中教育大學：諮商與應用心理學系 - 網路心理學、正向心理學、心理測驗學

1. Yu, S. C., & Hsu, W. H. (2012 July 18, Online First).Applying Structural Equation Modeling Methodology to Test Validation: An Example of Cyberspace Positive Psychology Scale. *Quality & Quantity*. DOI 10.1007/s11135-012-9730-3 (SSCI)
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黃正旭 助理教授

華夏技術學院：資訊工程學系 – Web 2.0 , ePortfolio , Second Life

1. Jeff J.S. Huang, Stephen J.H. Yang, Poky Y.F. Chiang, Luis S.Y. Tzeng. (2012). Building an e-Portfolio learning model: goal orientation and metacognitive strategies", Knowledge Management & E-Learning: An International Journal, March, 4(1), 16-36.
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黃國豪 副教授

嶺東科技大學：資訊網路系 – 行動與無所不在學習、遊戲式(悅趣化)學習

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楊雅婷 副教授

國立成功大學：教育研究所 - e化創新學習課程設計與評量、批判思考能力、科學教育、數位語言學習、問題解決能力

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趙伯堯 助理教授

元智大學：資訊傳播學系 - 數位學習、電腦輔助教學

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劉旨峰 副教授

國立中央大學：師資培育中心/學習所 - 數位學習

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劉繼仁 副教授兼外語中心主任

國立成功大學：外文系/外語中心 - 數位語言學習、防治英文抄襲、英語教學設計、行動與無所不在學習

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賴志宏 助理教授

國立東華大學：資訊工程學系 – 學習科技、行動學習、科技輔助科學與語言學習

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魏春旺 助理教授

遠東科技大學：資訊管理系 – 社會臨場感、適性化學習、悅趣化學習

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蘇俊銘 助理教授

國立臺南大學：數位學習科技系 – 適性化學習與測驗、智慧型系統、視覺化人機互動、資料探勘、網路應用

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Notes



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Posters & Booklet designed by Carlos Sánchez-Martín, 臺北，臺灣 2013



薪火相傳

SCHEDULE

102年1月18日(星期五) 325教室

時間	活動內容	主持人
09:30~10:00	報到	
10:00~10:30	開幕式 & 拍攝第五屆數位學習薪火相傳研討會團體照	張校長國恩 蔡教授今中 楊教授瑛華
10:30~11:00	陳處長國棟 致詞	張校長國恩
11:00~12:00	專題演講 S1 林教授珊如 「資訊教育領域學術發展的取向與典範」	蔡教授今中
12:00~13:30	午餐	
13:30~14:00	參與人員自我介紹與分享交流	黃教授悅民
14:00~15:30	Panel 1 計畫申請、執行、與產出 引言人 周教授倩、洪教授榮昭、劉教授子鍵	吳教授心楷
15:30~16:00	茶敘	
16:00~17:00	專題演講 S2 蔡教授今中 「論文寫作與投稿常犯的錯」	陳教授俊華
17:00~18:00	Panel 2 如何帶學生 引言人 陳教授俊華、吳教授心楷、黃教授悅民	楊教授瑛華
18:00~	散會	

102年1月19日(星期六) 328教室

時間	活動內容	主持人
08:00~09:30	報到	
09:30~10:30	專題演講 S3 陳教授德懷 「研究生涯點滴」	林教授珊如
10:30~11:30	Panel 3 申請出國進修 引言人 張教授智凱、蔡教授孟蓉、林教授秋斌	劉教授子鍵
11:30~14:00	午餐交流	
14:00~15:00	分組諮詢(經驗傳承): 陳教授志銘、黃教授悅民、楊教授瑛華、施教授如鈞、劉教授子鍵、侯教授惠萍、梁教授亞中	張教授智凱
15:00~15:10	拍攝第五屆數位學習薪火相傳研討會團體照	
15:10~16:10	綜合討論 張校長國恩、陳處長國棟、楊教授瑛華、蔡教授今中	張校長國恩
16:10~	賦歸	

指導單位：

主辦單位：

協辦單位：