

2017 年原住民族科學與數學教育學術研討會暫訂議程表

2017 Conference for Indigenous Educational Research in Science/Mathematics Teaching and Learning

2017 年 11 月 3 日（星期五）研究交流 Research Symposium （地點：國立臺北教育大學 藝術館 M405 國際會議廳） National Taipei University of Education – Art Building M405 International Conference Hall Address：No.134, Sec. 2, Heping E. Rd., Da-an District, Taipei City 106, Taiwan (R.O.C.)	
時間 Time	活動內容 Activity
12:50~13:20	報到 / Registration
13:20~13:35	開幕式—阿美族耆老祈福儀式 / Opening Ceremony
13:35~14:00	貴賓致詞（預計共 6 位每位 5 分鐘） / Opening Remarks
	- 科技部與國合司代表致詞 Department of International Cooperation and Science Education of Ministry of Science and Technology representative oration - 國內外貴賓致詞 Invited Guests oration - 計畫主持人熊同鑫教授致詞 Professor Tung-Hsing Hsiung, Principal Investigator welcome speech
	大合照 Group photo
14:10~15:30	A1：專題演講一 / Keynote Speech I
	- 主持人 / Moderator：（主持、提問、討論共 15~20 分鐘） 許瑛珪講座教授 國立臺灣師範大學科學教育研究所 Ying-Shao Hsu, Chair Professor, Graduate Institute of Science Education, National Taiwan Normal University, Taiwan - 主講人 Keynote Speaker：（專題演說 60 分鐘/60 minutes） Professor Elizabeth McKinley, Indigenous Education, Melbourne Graduate School of Education, The University of Melbourne, Australia 講題/Topic：The Pedagogy of Difference project in Queensland extends some work done in NZ by Russell Bishop with Māori students 拓展紐西蘭 Russell Bishop 教授與毛利學生的共同書寫研究工程於昆士蘭省差異化教育學計畫。 Personal profile Web-site： https://pursuit.unimelb.edu.au/individuals/professor-elizabeth-mckinley
15:30~15:40	中場休息 / Break

15:50~17:10	A2：專題演講二 / Keynote Speech II ◆ 主持人 / Moderator：(主持、提問、討論共 15~20 分鐘) 趙貞怡教授 國立臺北教育大學課程與教學傳播科技研究所 Jen-Yi Chao, Professor, Graduate School of Curriculum and Instructional Communications and Technology, National Taipei University of Education. Taiwan. ◆ 主講人 Keynote Speaker：(專題演說 60 分鐘/60 minutes) 傅麗玉教授 國立清華大學 學習科學與科技研究所 Li-Yu Fu, Professor, Institute of Learning Sciences & Technology at National Tsing Hua University, Taiwan 講題/Topic： Why Go Go Giwas: Thought Behind the Making of a Series of Indigenous Culturally-Responsive Science Education Animations (為什麼吉娃斯愛科學：原住民族文化回應的科學教育動畫的製作思考) Personal profile Web-site： https://goo.gl/2Ggz7P http://cfte.web.nthu.edu.tw/files/14-1020-4235,r394-1.php 
17:10~18:30	晚餐時間 / Dinner
18:30~21:00	A3：研究交流 / Symposium ◆ 主持人 / Moderator：(主持、提問、討論共 15~20 分鐘) 顏瓊芬 特聘教授 靜宜大學 生態人文學系 Chiung-Fen Yen, Distinguished Professor, Department of Ecological Humanities, Providence University, Taiwan ◆ 引言人一/Panelist：(引介科技部當前研究方向 Introduce the current direction of the Ministry of Science and Technology of Indigenous People to put the Institute of Education) - 熊同鑫教授 國立臺東大學幼兒教育學系 Tung-Hsing Hsiung, Professor, Department of Early Childhood Education, and Chief of Research Center for Indigenous Education and Social Development, National Taitung University, Taiwan (Introduction) - 陳淑芳副教授 國立臺東大學幼兒教育學系系主任 Shu-Fang Chen, Associate Professor and Chair of Department, Department of Early Childhood Education, National Taitung University, Taiwan. - 王前龍副教授 國立臺東大學教育學系 Chien-Lung Wang, Associate Professor, Department of Education,

	National Taitung University, Taiwan. ◆ 引言人二/Panelists：3 位整合型計畫總計畫主持人及個別型計畫主持人代表（引言與評論未來研究方向）3 integrated project master and individual project host representative (introduction and commentary future research direction) - 汪明輝副教授 國立臺灣師範大學地理學系兼原住民族委員會副主任委員 Tibusungu 'e Vayayana, Associate Professor, Department of Geography, National Taiwan Normal University & Vice President, Council of Indigenous Peoples - 趙貞怡教授 國立臺北教育大學-課程與教學傳播科技研究 Jen-Yi Chao, Professor, Graduate School of Curriculum and Instructional Communications and Technology, National Taipei University of Education. Taiwan. - 高慧蓮教授 國立屏東大學科普傳播學系(含數理教育碩士班) Huey-Lien Kao, Professor, Department of Science Communication, National Pingtung University, Taiwan. - 華國媛副教授 國立臺北科技大學生醫產研發中心 Kuo-Yuan Hwa, Associate Professor & Director, Biomedical Industry Research and Development Center, National Taipei University of Technology, Taiwan ◆ 引言人三/Panelists：三位國外學者（簡述個人研究專長，以及近年研究團隊所進行之研究方向與內容 The personal expertise, and the research direction and content of the research team in recent years） - Professor Charles Hopkin, UNESCO Chair in Reorienting Teacher Education, Office of the Dean, Faculty of Education, York University, Toronto, Canada - Professor Elizabeth McKinley, Indigenous Education, Melbourne Graduate School of Education, The University of Melbourne ,Australia - Associate Professor Tungalag Baljir , Mongolian National University of Education , Mongolia ◆ 與談人/Project Principal Investigators： - 所有計畫主持人，請以 3~5 分鐘簡略介紹第三期計畫研究向及個人專長與領域 All the program host, please 3 to 5 minutes to briefly introduce the current research program direction and personal expertise 此座談目的，乃期望各計畫間相互了解並形成議題對談，或促成協作可能性的發展。針對有關原住民族科學與數學研究本期程的容加以分析，或設想國際合作研究的可能性與方式。The purpose of the meeting is to bridge all projects and form a discussion or promote the cooperation of future. Raising the issues of indigenous science/mathematics education research, and conducting the possibilities and methods of international cooperative research.
21:00	散會 / Adjourned

2017 年 11 月 4 日（星期六）學術研討會 Seminar （地點：國立臺北教育大學 藝術館 M405 國際會議廳） National Taipei University Education – Art Building M405 International Conference Hall Address：No.134, Sec. 2, Heping E. Rd., Da-an District, Taipei City 106, Taiwan (R.O.C.)	
時間 Time	活動內容 Activity
08:20~08:50	報到 / Registration
08:50~10:10	B1：專題演講/ Keynote Speech III
	◆ 主持人 / Moderator:：（主持、提問、討論共 15~20 分鐘） 郭重吉 榮譽教授 國立彰化師範大學科學教育研究所 Chorng-Jee Guo, Emeritus Professor, Graduate Institute of Science Education, National Changhua University of Education, Taiwan ◆ 主講人 / Keynote Speaker：（專題演說 60 分鐘/60 minutes） Professor Charles Hopkin, UNESCO Chair in Reorienting Teacher Education, Office of the Dean, Faculty of Education, York University, Toronto, Canada 講題/Topic： Improving the Education of Indigenous Youth as Required in Education 2030 Could Help Everyone. 改善原住民青少年教育不啻是協助 2030 年每個人的教育所需 ◆ Personal profile Web-site： http://learningforsustainabilityscotland.org/professor-charles-hopkins-creating-a-strategy-regarding-education-and-the-sustainable-development-goals/
10:10~10:30	與會嘉賓留影合照 / Group photo 中場休息 / Break
10:30~12:00	B2：論文發表 Paper Session I （議題一）師資培育與教材開發 Teacher development and teaching material development
	◆ 徵稿論文發表 Call for papers published（5 篇） ◆ 主持人 / Moderator：（主持、提問、討論共 15 分鐘） 熊召弟教授 國立臺北教育大學自然科學教育學系 Chao-Ti Hsiung, Professor, Department of Science Education, National Taipei University of Education, Taiwan ◆ 評論人/Discussant：（統一評論回應 15 分鐘） - 陳彥廷副教授 國立臺中教育大學數學教育學系 Yen-Ting Chen, Associate Professor, Department of Mathematics Education, National Taichung University of Education, Taiwan.

	- 秦爾聰副教授 國立彰化師範大學科學教育研究所 Erh-Tsung Chin, Associate Professor, Graduate Institute of Science Education, National Changhua University of Education, Taiwan ◆ 發表人：徵稿中（每人 8~12 分鐘報告）Posted by: Call for Papers (8 to 12 minutes per person for reporting)
12:00~13:30	午餐時間 / Lunch
	B3：專題演講/ Keynote Speech IV
13:30~14:50	◆ 主持人 / Moderator：（主持、提問、討論共 15~20 分鐘） 汪明輝副教授 國立臺灣師範大學地理學系副教授兼原住民族委員會副主任委員 Tibusungu 'e Vayayana, Associate Professor, Department of Geography, National Taiwan Normal University & Vice President, Council of Indigenous Peoples, Taiwan. ◆ 主講人 Keynote Speaker：（專題演說 60 分鐘/60 minutes） Associate Professor Tungalag Baljir, McKinley, Mongolian National University of Education, Mongolian 講題/Topic：.審稿確認中
14:50~15:10	中場休息 / Break
	B4：論文發表 Paper Session II （議題二）促進與開發原住民族學生能力 Promote and develop Indigenous students' abilities
15:10~16:40	◆ 徵稿論文發表 Call for papers published（5 篇） ◆ 主持人 / Moderator：（主持、提問、討論共 15 分鐘） 高慧蓮教授 國立屏東大學科普傳播學系 Hui-Lian Kao, Professor, Department of Education and Human Potentials Development. Science Communication, National Pingtung University, Taiwan. ◆ 評論人/Discussant：（統一評論回應 15 分鐘） - 李暉副教授 國立東華大學教育與潛能開發學系 Huei Lee, Associate Professor, Department of Education and Human Potentials Development, National Dong Hwa University, Taiwan. - 王姿陵副教授 國立清華大學數理教育研究所所長 Tzu-Ling Wang, Associate Professor and Institute director,

	Graduate Institute of Mathematics and Science Education, National Tsing Hua University, Taiwan ◆ 發表人：徵稿中（每人 8~12 分鐘報告）Posted by: Call for Papers (8 to 12 minutes per person for reporting)
10:10~10:30 12:30~13:30 14:50~15:10	A5：海報論文發表 Posters and Teaching Materials （地點：藝術館 M405 國際會議廳走廊） Art Building M405 International Conference Hall corridor ◆ 預計錄取 10 稿件 ◆ 於國際會議廳外走道設展板展示 ◆ 發表回應時段敬請發表人或代表人務必在場回應互動
16:40~17:00	授證 / Award Certificate
17:00	散會 / Closing Remarks