



**1st EdUHK International Conference for Research in
Early Childhood Education and Development
(InCRECE 2024)**

Ecologies for Development and Learning: Supporting
Children to Reach their Full Potential

June 1-3, 2024

Preliminary Program

(May 21, 2024)

*The Education University of Hong Kong,
10 Lo Ping Road, Tai Po, New Territories, Hong Kong S.A.R. China*

Program Rundown

Saturday (June 1, Day 1)

- 08:00 - 09:00 [C-LP-11]. Registration
- 09:00 - 09:30 [C-LP-11]. Opening Ceremony
- 09:30 - 10:30 [C-LP-11]. Keynote Speech 1 (Prof. Bridget Hamre)
- 10:30 - 11:00 [Outside C-LP-11]. Tea Break
- 11:00 - 12:00 [C-LP-11]. Keynote Speech 2 (Dr. Jessie Lam)
- 12:00 - 13:30 [Canteen]. Lunch
- 13:30 - 14:30 [Outside C-LP-11 / C-LP-02]. Poster Session 1 + Exhibition Hall
- 14:30 - 16:00 [Blocks B & D-LP]. Parallel Session 1 (Symposium/Paper Presentations)
- 16:00 - 16:30 [Outside C-LP-11]. Tea Break
- 16:30 - 17:30 [C-LP-11]. Keynote Speech 3 (Prof. Susan Irvine)
- 17:30 - 17:35 [C-LP-11]. Closing Speech by Head of ECE Dept Prof. Kerry Lee

Sunday (June 2, Day 2)

1. 08:30 - 09:00 [C-LP-11]. Registration
2. 09:00 - 10:00 [C-LP-11]. Keynote Speech 4 (Prof. Gustavo Carlo)
3. 10:00 - 10:30 [Outside C-LP-11]. Tea Break
4. 10:30 - 12:00 [Blocks B & D-LP]. Parallel Session 2.1 (Symposium/Paper Presentations)
5. 12:00 - 13:30 [Canteen]. Lunch
6. 13:30 - 15:00 [Blocks B & D-LP]. Parallel Session 2.2 (Symposium/Paper Presentations)
7. 15:00 - 16:00 [Outside C-LP-11]. Tea Break + Poster Session 2
8. 16:00 - 17:00 [C-LP-11]. Keynote Speech 5 (Prof. Lei Chang)
9. 19:00 - 21:00 Banquet Dinner at ClubONE Rivera (55-57 Tai Chung Kiu Road, Sha Tin)

Monday (June 3, Day 3)

- 08:30 - 09:00 [C-LP-11]. Registration
- 09:00 - 10:00 [C-LP-11]. Keynote Speech 6 (Prof. Roberta Golinkoff)
- 10:00 - 10:30 [Outside C-LP-11]. Tea Break
- 10:30 - 12:00 [Blocks B & D-LP]. Parallel Session 3 (Symposium/Paper Presentations)
- 12:00 - 13:00 [Canteen]. Lunch
- 13:00 - 14:00 [C-LP-11]. Keynote Speech 7 (Prof. Kerry Lee & Prof. Pirjo Aunio)
- 14:00 - 15:00 [Outside C-LP-11]. Tea Break + Poster Session 3
- 15:00 - 17:00 [C-LP-11]. Global Summit Roundtable (Led by Prof. Philip Li)
- 17:00 - 17:05 [C-LP-11]. Closing Speech by FEHD Dean Prof. Bruce MacFarlane

Preliminary Program for Paper and Poster Sessions and Symposia

Day 1 Saturday, June 1

海報匯報 Poster Session 1

時間 Time: 13:30 – 14:30

場地 Venue: Outside of C-LP-11 (Next to Pacific Coffee)

Poster 1: Navigating literacy challenges: A cognitive exploration of STRAW Chinese learning in early childhood

Chiu Wai Tsang, STRAW Education Limited

Nga Chong Lee, STRAW Education Limited

Poster 2: Are kindergarten teachers able to guide family education? A survey on the competency of kindergarten teachers in family education guidance

Yiqing Wei, Capital Normal University

Jinjin Zhu, Capital Normal University

Yue Sun, Capital Normal University

Yuezhao Wang, Capital Normal University

Poster 3: Stressors and stress coping in family education guidance of kindergarten teachers

Yiqing Wei, Capital Normal University

Yuezhao Wang, Capital Normal University

Yue Sun, Capital Normal University

Jinjin Zhu, Capital Normal University

Poster 4: Becoming a teacher, coexisting with emotions: Emotion Regulation of Preschool Student Teachers in Practicum Contexts in China

Yitong Chen, Guangzhou University

Limin Zhang, Guangzhou University

Wenhui Zhong, Guangzhou University

Lianjiang Jiang, The University of Hong Kong

Poster 5: Child-centered curriculum enactment in a kindergarten context: A view from Actor-Network Theory

Meixia Jiang, Jiangsu University of Technology

Poster 6: 園長變革型領導力對教師自主性的影響研究：幼稚園組織氛圍和教師自主權的鏈式仲介作用

Fang Wang, 首都師範大學

Hao Liu, 首都師範大學

Poster 7: 支援非華語幼兒學習中文的教學策略與實踐

彭志全, 香港大學專業進修學院

鄭翠儀, 香港大學專業進修學院

鄒佩凌, 香港大學專業進修學院

陳子敏, 香港大學專業進修學院

葉玟希, 香港大學專業進修學院

黃樂然, 香港大學專業進修學院

Poster 8: 被調劑的學前師範生專業認同轉變過程與機制的質性研究

葛景欣, 首都師範大學

沙莉, 首都師範大學

萬皓旻, 首都師範大學

Poster 9: 協同育人—如何實現幼稚園與家庭、社區的共同攜手？

陳敏莉, 金生幼兒園有限公司

Poster 10: 幼稚園管理層教師課程領導力：基於紮根理論的探索研究

李雪, 首都師範大學

夏婧, 首都師範大學

Poster 11: 中國內地民辦非普惠幼兒園在政府「強監管」下的自救與突圍

韋小冰, 深圳市金生幼兒園

Poster 12: 父母參與幼兒入學準備的差異研究

Wei Li, 重慶師範大學

Xingyi Li, 重慶師範大學

Poster 13: 基於目標的教學一致性的幼稚園活動設計

黃晨, 廣州市荔灣區玩無界幼稚園

Poster 14: 蒙台梭利和平思想的意蘊對學前融合教育的啟示

趙雨萍, 成都文理學院

Poster 15: 後疫情時代獨立教育顧問的 IP 打造

楊亞靈, Audrey Yang 獨立教育顧問

Poster 16: 數位化背景下職前職後幼兒教師專業發展的生態化課程研究

樂豔, 武昌工學院
王思佳, 上海明蟬教育科技有限公司
黃蓉, 武昌工學院
陳曉亮, 武昌工學院

Poster 17: 《食物，你好嗎？》「安全切食物工具」

章綺雯, 保良局劉陳小寶幼稚園
邱崗峰, 保良局劉陳小寶幼稚園
周清清, 保良局劉陳小寶幼稚園
李潔欣, 保良局劉陳小寶幼稚園

Poster 18: N4 「《誰偷走了我的蛋？》製作提防小偷及保護海龜蛋的裝置」

Tsz Kiu Ng, 香港保護兒童會深井幼兒學校

Poster 19: N3 「《田裏的彩虹》製作澆水器」

Ka Man Leung, 香港保護兒童會深井幼兒學校

Poster 20: 《風兒你在哪？》衣服風乾機

黃雪麗, 基督教香港崇真會安基幼兒學校
文逸平, 香港教育大學

Poster 21: 《誰偷走了我的蛋？》海龜蛋防盜裝置

黃雪麗, 基督教香港崇真會安基幼兒學校
文逸平, 香港教育大學

Poster 22: 《紅公雞》建構溫暖的雞舍

鄭滿好, 中華基督教會香港志道堂基博幼稚園
文逸平, 香港教育大學

Poster 23: 《小雞逛超市》輕鬆購物籃

鄭滿好, 中華基督教會香港志道堂基博幼稚園
文逸平, 香港教育大學

Poster 24: 《湯姆先生的服裝店》K2 班的服裝店

伍倩儀, 聖公會聖基道幼兒園
鄭詠詩, 聖公會聖基道幼兒園
關趣穎, 聖公會聖基道幼兒園
趙芷焮, 聖公會聖基道幼兒園

Poster 25: 《阿吉搬家》多功能垃圾車

伍倩儀, 聖公會聖基道幼兒園
鄭詠詩, 聖公會聖基道幼兒園

關趣穎, 聖公會聖基道幼兒園
趙芷焮, 聖公會聖基道幼兒園

Poster 26: 《小雞過生日》生日會

伍倩儀, 聖公會聖基道幼兒園
鄭詠詩, 聖公會聖基道幼兒園
關趣穎, 聖公會聖基道幼兒園
趙芷焮, 聖公會聖基道幼兒園

Poster 27: K2 級《子兒·吐吐》STEAM 活動分享

Ying Lai Chung, 東華三院香港華都獅子會幼稚園

Poster 28: K1 級《謝謝你！小幫手》STEAM 活動分享

Shun Yan Choi, 東華三院香港華都獅子會幼稚園

Poster 29: 《我家不見了》製作再生能源城市

鄭滿好, 中華基督教會香港志道堂基博幼稚園
文逸平, 香港教育大學

分組研討 **Parallel Session 1**

時間 **Time: 14:30 - 16:00**

研討會 **Symposium 1**

主題 **Topic: 早期 STEAM 探究：大自然與生活**

時間 **Time: 14:30 - 16:00**

場地 **Venue: D2-LP-08**

主持 **Chair:**

胡馨允, 香港教育大學

與會者 **Discussant:**

梁衛文, 香港教育大學

1. 幼兒 STEAM 探究式學習：教師專業發展培訓課程
梁衛文, 香港教育大學
文逸平, 香港教育大學
2. 重新定義亞洲背景下的 STEM 學習文化:在幼兒教育中共創 STEM 知識
梁語桐, 香港教育大學
胡馨允, 香港教育大學
高銘蔚, 香港教育大學
3. 連接幼兒與大自然：體驗式生態系統學習模式及教師專業發展
胡馨允, 香港教育大學
楊嘉儀, 香港教育大學
鄭婉玲, 香港教育大學

研討會 Symposium 2

主題 **Topic:** 通過創新教學實踐推進幼兒 STEM 教育的發展

時間 **Time:** 14:30 - 16:00

場地 **Venue:** D2-LP-09

主持 **Chair:**

楊偉鵬, 香港教育大學

與會者 **Discussant:**

李輝, 香港教育大學

1. 幼稚園科學合作探究中對話式教學的個案研究
林洵怡, 福建師範大學
謝婉琳, 福建師範大學
2. 人工智慧 (AI) 技術在幼兒教育中的應用：幼兒教師和管理團隊的心聲
陸金金, 西交利物浦大學
3. 職前幼兒教師數學教學內容知識涵養的建設：兒童作為方法
陳南茜, 福建師範大學
4. 幼兒數學過程能力的現狀與提升研究
李相禹, 首都師範大學
郭婧, 北京市朝陽區西壩河幼兒園
唐文雯, 首都師範大學

研討會 Symposium 3**主題 Topic: Enriching Mathematical Thinking through Parent-Child Interactions****時間 Time: 14:30 - 16:00****場地 Venue: D2-LP-10****主持 Chair:****Pierina Cheung**, *Nanyang Technological University***Jenny Yun-Chen Chan**, *The Education University of Hong Kong***1. Associations between the home Mathematics environment and young children's Mathematics interest using the Theory of Planned Behavior: A cross-site study****Sum Kwing Cheung**, *The Education University of Hong Kong***Katrina May Dulay**, *The University of London***Pui Lam Ho**, *The Education University of Hong Kong***2. An interactional perspective on parental scaffolding: Insights from conversation analysis****Nuraini Binte Aziz**, *Nanyang Technological University***Lit Wee Sim**, *Nanyang Technological University***Amos Oh**, *Nanyang Technological University***Daniel Ansari**, *Western University***Rebecca Bull**, *Macquarie University***Kerry Lee**, *The Education University of Hong Kong***Anne Rifkin-Graboi**, *Nanyang Technological University***Pierina Cheung**, *Nanyang Technological University***3. Effectiveness of father-child number application activities in promoting preschool children's numerical skills****Xinzhuo Zou**, *The University of Hong Kong***Xiao Zhang**, *The University of Hong Kong***4. Order up: Empowering caregivers to design a Math learning game grounded in everyday context****Rachel Wing Tao Kwan**, *The Education University of Hong Kong***Winnie Yan Ping Chan**, *The Education University of Hong Kong***Cherry Wing Ha Chong**, *The Education University of Hong Kong***Shirley Yuen Man Tsang**, *The Education University of Hong Kong***Jenny Yun-Chen Chan**, *The Education University of Hong Kong*

論文匯報 Paper Session 1**主題 Topic: 幼兒教育機構的幼教課程及教學法 ECE Curriculum and Pedagogy in Early Childhood Education Sectors****時間 Time: 14:30 - 16:00****場地 Venue: B4-LP-13**

1. 後現代兒童繪本教學之探討
徐德成, 嶺東科技大學
黃佩岑, 嶺東科技大學
2. 準教保員導入倒序設計應用在機器人學習之初探性研究
黃佩岑, 嶺東科技大學
黃元彥, 中央大學校
徐德成, 嶺東科技大學
3. ADDIE 模型下的高校「幼稚園藝術教育」課程體系構建的實驗研究
郭雲, 武昌工學院
黃丹丹, 武昌工學院
李麗, 武昌工學院
4. 如何利用甲骨文識字法引發幼兒學習漢字動機
Yu Hin Li, STEM Enlightenment Education Centre
溫志倫, 香港西區婦女福利會幼稚園

論文匯報 Paper Session 2**主題 Topic: 教師福祉 Teacher Well-being****時間 Time: 14:30 - 16:00****場地 Venue: B4-LP-10**

1. Early childhood educators' social-emotional competence and teacher well-being, teacher-student relationship, classroom management, social-emotional learning implementation, student social-emotional competence, and organizational outcomes: A three-level meta-analysis
Yu Xu, The Education University of Hong Kong
Yili Wang, The Education University of Hong Kong
Jianbin Li, The Education University of Hong Kong
2. Unveiling the impact of preschool classroom walkthroughs and teacher emotional labor on their well-being: A hierarchical linear modeling approach
Sha Xie, Shenzhen University

Jing Li, *The Chinese University of Hong Kong*

3. Kindergarten teachers' mindfulness in teaching and job satisfaction: A moderated mediation model

Pan Yin, *Harbin Institute of Technology*

Chao Huang, *Harbin Institute of Technology*

Fengwan Yang, *Harbin Xiangfang Kindergarten*

Shi Qiu, *Harbin Xiangfang Kindergarten*

4. How does professional development activities affect early childhood educators' job satisfaction and adaptive pedagogical practices? An analysis of structural equation modeling based on TALIS starting strong data

Xuanying Lin, *Nanjing Normal University*

Ying Liu, *Nanjing Normal University*

論文匯報 Paper Session 3

主題 Topic: 學生福祉 Student Well-being

時間 Time: 14:30 - 16:00

場地 Venue: B4-LP-09

1. Exploring the impact of mindfulness training on social behavior in Chinese preschoolers

Lin Ning, *Shenzhen University*

Xie Sha, *Shenzhen University*

Xiumin Cui, *Beijing Normal University at Zhuhai*

2. Stakeholder analysis of rehabilitation for children with disabilities in China: based on both quantitative and qualitative methods

Tong Ge, *Shanghai Jiaotong University*

Jingjun Chen, *Shanghai Jing 'an District Nanyang School*

3. School bullying in early childhood? Does it exist?

Siu Fung Lin, *The Education University of Hong Kong*

Catalina Sau Man Ng, *The Education University of Hong Kong*

4. The use of drawings and pictures in the formulation of a preschooler's psychological, developmental and learning needs

Siu Fung Lin, *The Education University of Hong Kong*

論文匯報 Paper Session 4

主題 Topic: 教師教育及專業發展 Teacher Education and Professional Development

時間 Time: 14:30 - 16:00

場地 Venue: B4-LP-08

1. The efficacy of train-the-trainer (TTT) workshops on learning physical fitness of teachers in kindergartens

Hui Lin, *The University of Hong Kong*

Wingyin Au, *The University of Hong Kong*

Chitkay Leung, *The University of Hong Kong*

Mingfai Siu, *The University of Hong Kong*

2. Supporting professional curiosity for future ECE teachers: The effective instruction strategies in early childhood teacher education

Yixin Zhang, *Fujian Preschool Education College*

Wanyi Li, *The Education University of Hong Kong*

Haoyan Huang, *University of Helsinki*

3. Facing the current situation and contemplating the future: Exploring the education practicum dilemmas of ECEC postgraduate students

Jiao Yu, *Liaoning Normal University*

論文匯報 Paper Session 5

主題 Topic: 融合教育 Inclusive Education

時間 Time: 14:30 - 16:00

場地 Venue: B4-LP-07

1. 融合教育背景下特殊兒童幼小轉銜入學準備課程建設

周巧, *重慶師範大學*

甘清明, *重慶師範大學*

向友餘, *重慶師範大學*

陳市嬌, *重慶師範大學*

張夢宇, *重慶師範大學*

2. 創造性戲劇應用於學前融合教育的六種遊戲模式

周巧, *重慶師範大學*

何羽, *重慶市沙坪壩區大學城實驗幼兒園*

李佳, *重慶市沙坪壩區大學城實驗幼兒園*

劉思佳, *重慶師範大學*

3. 教師對融合教育理念理解的變化：基於幼稚園課題研究

吳雅施, *教科院幼教集團錦城幼稚園*

張溪, *教科院幼教集團錦城幼稚園*

4. 初中生受欺負、反芻思維與負性情緒關係研究
唐星, 蘇丹依德里斯教育大學
吳素梅

論文匯報 Paper Session 6

主題 Topic: 幼兒教育評估及標準構建 Assessment and Construction of Standards for ECE

時間 Time: 14:30 - 16:00

場地 Venue: B4-LP-06

1. 高職學前教育專業學生可僱傭性能力問卷的編制及應用
林姝含, 雲南師範大學
朱陽莉, 雲南師範大學
袁夢琪, 四川師範大學
范衛衛, 昆明幼兒師範高等專科學校
陶雲, 雲南師範大學
2. 幼稚園教師反思能力評價指標體系研究
冀惠, 呂梁學院
3. 生均獲得視角下農村公辦幼稚園教師編制標準研究
Mei Na Yin, 東北師範大學
Shanhuai Liu
4. 家園社共育品質評估指標體系研究 — 基於四個國家的政策文本比較
Limin Zhang, 廣州大學
Liqun Wang, 廣州大學
Ying Cui, 廣州大學

論文匯報 Paper Session 7

主題 Topic: 幼兒發展干預 Intervention on Child Development

時間 Time: 14:30 - 16:00

場地 Venue: B4-LP-04

1. 一日生活支持策略促進幼兒執行功能發展的准實驗研究
陳婭玲, 六盤水師範學院
2. 數感發展高危幼兒的早期發現與教學介入研究
蔣盈, 福建教育學院 / 大學

張玉鳳, 福建馬尾亭江實驗幼稚園

3. 提升中班幼兒運動興趣和基本動作技能的行動研究 — 基於 KDL 運動遊戲課程
高啟英, 廣州大學

論文匯報 Paper Session 8

主題 Topic: 幼教課程、教學法及思潮 ECE Curriculum, Pedagogy, and Philosophy

時間 Time: 14:30 - 16:00

場地 Venue: B4-LP-03

1. KNN based on exploratory data analysis of curriculum models of Chinese early childhood education
Hai Liu, *Chengdu University*
2. Comparative study and practice of children's art education between China and Australia
陳志超, 湖北省學前教育研究會
3. Promoting life education for children in early childhood through philosophy for children: Feasibility and approaches
Qiongya Lei, *The Education University of Hong Kong*
4. Early motor skills and mathematical abilities: The mediating role of executive functions
Yujin Zhao, *Capital Normal University*
Nan Zhou, *Capital Normal University*
Jin Sun, *University of Macau*
Yushu Wang, *Loughborough University*
Xiaohui Xu, *Capital Normal University*

論文匯報 Paper Session 9

主題 Topic: 幼兒教育的挑戰及評論 Challenges and Critiques of ECE

時間 Time: 14:30 - 16:00

場地 Venue: B4-LP-02

1. 評析當前幼教，從校長走上評論員之路
溫志倫, 香港教育工作者聯會
2. 學前教育專業園校合作的困境及模式探究
胡陽, 湖北幼兒師範高等專科學校

3. 幼兒教師教育一體化課程建設：意涵、困境與路向
張麗莎, 廣東江門幼兒師範高等專科學校 / 南京師範大學
4. 集成人工智慧與腦科學支持教師心理健康與專業發展：促進幼兒積極成長的教育生態創新
Fei Cheng, 中國科學院深圳先進技術研究院

論文匯報 Paper Session 10**主題 Topic: 語言學習 Language Learning****時間 Time: 14:30 - 16:00****場地 Venue: B4-LP-01**

1. **國際 K-12 教育背景下的文本難度研究--基於 1948-2023 年間文獻的系統性綜述**
Xingli Zhang, 香港教育大學
Yixun Li, 香港教育大學
Zhimin Qiu, 香港教育大學
2. **中文二語習得研究概況：對幼兒教育的啟示**
Zhimin Qiu, 香港教育大學
Yixun Li, 香港教育大學
Xingli Zhang, 香港教育大學
3. **融入式幼兒英文教學之探究**
郭雅琳, 馬裡蘭幼兒園
徐德成, 嶺東科技大學

論文匯報 Paper Session 11**主題 Topic: 影響幼兒學習及適應的生態系統 Ecologies for Child Learning and Adjustment****時間 Time: 14:30 - 16:00****場地 Venue: B3-LP-08**

1. **Examining the dynamics of positive parenting, mother-child closeness, and child emotion regulation on problem behaviors: Insights from daily diary study**
Huiqi Li, *Shenzhen University*
Sha Xie, *Shenzhen University*
Xinli Chi, *Shenzhen University*
2. **Concerted cultivation and Chinese children's academic performance amid Covid-19: The moderating role of interparental conflict**
Xiangying Ding, *The Hong Kong Polytechnic University*
Shuai Zhou, *The Hong Kong Polytechnic University*
Janet Leung, *The Hong Kong Polytechnic University*
3. **Bouncing back: exploring the impact of teacher buoyancy on early childhood practicum learning**
Tian Yang, *Beijing Normal University*
Xiaojing Liu, *Beijing Normal University*

論文匯報 Paper Session 12**主題 Topic: 幼兒的愛與學 Child Loving and Learning****時間 Time: 14:00 - 16:00****場地 Venue: B3-LP-06**

1. 促進幼兒全人發展的學習環境
Mun Yan Ho, 基督教樂道幼稚園
2. 幼兒生活與探索
Pui Shan Fung, 東華三院香港華都獅子會幼稚園
3. 關注幼兒教師心理健康，還孩子一片藍天
馬家明, 南京市長江路小學幼稚園
4. 父親低頭行為對兒童問題行為的影響 — 一個有調節的中介模型
馮家怡, 廣州大學
張麗敏, 廣州大學

論文匯報 Paper Session 13**主題 Topic: 領導力、專業水平及能力 Leadership, Professionalism and Competence****時間 Time: 14:00 - 16:00****場地 Venue: B3-P-04**

1. 幼兒 STEAM 探究式學習：教師專業發展培訓課程
Wai Man Vivienne Leung, 香港教育大學
Yiping Wen, 香港教育大學
2. 中國大陸西部地區幼兒教師工作壓力對數字素養的影響 — 基於情緒勞動的調節作用
蔡紅梅, 重慶師範大學
王茜
呂芳
3. 關於幼稚園新入職教師專業化發展的現狀研究
張孟華, 天津市經濟技術開發區泰達第四幼稚園
於丹, 泰達四幼

Day 2
Sunday, June 2

Parallel Session 2.1

Time: 10:30 – 12:00

Symposium 4

Topic: Arts and Creativity in Kindergartens: Exploring Current Provision of Activities and Outlining Pedagogies to Move Forward

Time: 10:30 – 12:00

Venue: D2-LP-07

Chair:

Jerry Yeung, *The Education University of Hong Kong*

1. Arts education in Hong Kong kindergartens: Provision of activities and impact of teachers' demographics

Jerry Yeung, *The Education University of Hong Kong*

Alfredo Bautista, *The Education University of Hong Kong*

2. Embracing children's voices: Understanding and supporting drawing-telling in the early years

Rafaella Tung, *Blooms and Buds*

3. Building a foundation: An action research study on the effects of early string instruction on motivation and achievement at private music studio

Anand Li, *PRESENT Music*

4. Children's sensibilities and expressiveness, and the environment that supports them

Makoto Izumi, *Codomoart*

Symposium 5

Topic: Symbolic and non-symbolic number representation in Early Childhood: Neuroscientific, psychometric, and cognitive perspectives

Time: 10:30 – 12:00

Venue: D2-LP-09

Chairs:

Valerie He, *The Education University of Hong Kong*

Jenny Yun-Chen Chan, *The Education University of Hong Kong*

Discussant:

Pirjo Aunio, *University of Helsinki*

- 1. EEG measurement of specific number representation in the human brain**
Miaofan Chen, *University of Maryland College Park*
Richard Prather, *University of Maryland College Park*
- 2. Mediation effect of symbolic numerical skills on the relationship between SFON and Mathematics achievement among preschoolers**
Lok Wing Tsoi, *The University of Hong Kong*
Terry Tin-Yau Wong, *The University of Hong Kong*
Winnie Wai-Lan Chan, *The Education University of Hong Kong*
- 3. Psychometric Properties of the Early Number Competency Test in Hong Kong preschool children: A longitudinal study**
Xiangzi Ouyang, *Lingnan University*
Xueliang Chen, *The University of Hong Kong*
Xiao Zhang, *The University of Hong Kong*
- 4. Highlighting contrasts between problems help preschoolers solve pre-algebraic problems**
Chen Cheng, *The Hong Kong University of Science and Technology*
Pui Ka Mui, *The Hong Kong University of Science and Technology*
Hong Dian Zhang, *The Hong Kong University of Science and Technology*

Paper Session 13**Topic: Bilingualism and Home Literacy Environment****Time: 10:30 – 12:00****Venue: B4-LP-13**

- 1. The potential impact of COVID infection on Hong Kong children's Chinese and English reading outcomes**
Hay Mar Myat Kyaw, *The Education University of Hong Kong*
Annie Yixun Li, *The Education University of Hong Kong*
Catherine M. Capio, *Hong Kong Metropolitan University*
Derwin K. C. Chan, *The Education University of Hong Kong*
- 2. Examining early childhood vocabulary development in bilingual children in Malaysia using the Adapted MacArthur-Bates Communicative Development Inventories**
Hui Min Low, *Universiti Sains Malaysia*
- 3. The moderating role of executive functioning in the relationship between home literacy environment and Chinese word reading and language skills**
Catrina Cuina Liu, *The Hong Kong Polytechnic University*
Alfred Sing Yeung Lee, *The Hong Kong Polytechnic University*
Kevin Kien Hoa Chung, *The Education University of Hong Kong*
- 4. Bilingual language socialization in a translanguaging space: A case study of a Chinese rural preschool**
Xiao Yin, *Jimei University*

Paper Session 14**Topic: Diversity, Inclusion, and Special Needs****Time: 10:30 – 12:00****Venue: B4-LP-10**

- 1. Supporting young children with autism spectrum disorder to reach their full potential through evidence-based practices and family engagement**
Jie Zhang, *State University of New York Brockport*
- 2. A critical analysis of national policy documents in China: Inclusive values and factors influencing disabled preschool children's transition to mainstream primary schools**
Qian Jiang, *University of Nottingham Malaysia*
Tze Peng Wong, *University of Nottingham Malaysia*
- 3. Pathways to an inclusive world: Children, parents and teachers as joint stakeholders in an inclusive community-based play manual**
Esther Joosa, *Arts of the Earth Learning Hub*

Charlotte Goh, *Playeum*

4. Inclusive status of children with special educational needs in the Chinese early childhood education system

Difeng He, *泰姆船梅溪香山幼稚園*

Paper Session 15

Topic: Math, Language and Beyond

Time: 10:30 – 12:00

Venue: B4-LP-09

1. Math, language, and beyond: Hong Kong children's learning experiences at home and in school across learning domains

Shirley Yuen Man Tsang, *The Education University of Hong Kong*

Hailey Hoi Lam Cheng, *The Education University of Hong Kong*

Nicole R. Scalise, *Washington State University*

Jenny Yun-Chen Chan, *The Education University of Hong Kong*

2. Language and number: Testing the contribution of number word knowledge in the acquisition of multi-digits

Pierina Cheung, *Nanyang Technological University*

David Muñoz, *Nanyang Technological University*

Daphne Ang, *Nanyang Technological University*

Simranpreet Kaur, *Nanyang Technological University*

Wei Xuan Kong, *Nanyang Technological University*

3. Young children's math competence in Hong Kong: The influence of working memory, self-regulation, and family socioeconomic status

Jane Xiang, *The Education University of Hong Kong*

Vincent Ng, *The Education University of Hong Kong*

Yasmin Fong, *The Education University of Hong Kong*

Kerry Lee, *The Education University of Hong Kong*

Sum Kwing Cheung, *The Education University of Hong Kong*

Jin Sun, *University of Macau*

4. Exploring the domain-specific relations between Chinese language abilities and mathematical skills in Hong Kong kindergarten children

Echo, Si Li, *The Education University of Hong Kong*

Ruo Tong Chen, *The Education University of Hong Kong*

Yasmin Fong, *The Education University of Hong Kong*

Di Zhang, *The Education University of Hong Kong*

Kerry Lee, *The Education University of Hong Kong*

Sum Kwing Cheung, *The Education University of Hong Kong*

Dan Lin, *The Education University of Hong Kong*

Paper Session 16**Topic: Pre-Service Teacher Education****Time: 10:30 – 12:00****Venue: B4-LP-08**

- 1. Learning with online teaching video cases: Investigating pre-service preschool teachers' perceived usefulness and needs**
Rongrong Xu, *The Education University of Hong Kong*
Alfredo Bautista, *The Education University of Hong Kong*
Weipeng Yang, *The Education University of Hong Kong*
- 2. Reciprocal association between consideration of future consequences and subjective well-being among pre-service preschool teachers: A cross-lagged panel study**
Mengting Li, *Nanjing Normal University*
Li-fang Zhang, *The University of Hong Kong*
- 3. Vocational adaptation of newly hired kindergarten teachers and relations to the quality of teacher-child interaction**
Yujin Zhao, *Capital Normal University*

Paper Session 17**Topic: Teachers' Attitudes, Beliefs and Voices****Time: 10:30 – 12:00****Venue: B4-LP-07**

- 1. Perceptions of Hong Kong kindergarten teachers in applying STEM activities in inquiry-based classroom**
Anika Saxena, *The Education University of Hong Kong*
Komal Prasad, *The University of Hong Kong*
- 2. Changing attitudes by professional development for early childhood educators in STEM**
Sarah Feierabend, *University of Graz*
Sabine Hasnhütl, *University of Graz*
Manuela Paechter, *University of Graz*
Silke Luttenberger, *University College of Teacher Education Styria*
Marina Eglmaier, *Medical University of Graz*
Lars Eichen, *University of Graz*
- 3. Amplifying the voices of experienced early childhood educators**
Kevin McGowan, *Bridgewater State University*

4. Early childhood educators' beliefs and intentions: Playstyle, sensitivity, and verbal/non-verbal communication in teacher-child interaction

Shahid Karim, The Education University of Hong Kong

Alfredo Bautista, The Education University of Hong Kong

Kerry Lee, The Education University of Hong Kong

Paper Session 18

Topic: Social Justice and Equity

Time: 10:30 – 12:00

Venue: B4-LP-04

1. Differential roles of local parenting practices in household financial strains and children's cognitive performance

Vincent Ng, The Education University of Hong Kong

Yasmin Fong, The Education University of Hong Kong

Kerry Lee, The Education University of Hong Kong

Jin Sun, University of Macau

2. Does parents' social group matter? Longitudinal associations between majority and minority mothers' engagement and children's socioemotional development

Shaocong Ma, The Hong Kong University of Science and Technology

Eva Chen, National Tsing Hua University

3. How do constitutional cases influence targeted poverty reduction through education?—A case study of New Jersey's universal pre-K education

WenWen Tang, Capital Normal University

ShengGang Yu, Bei Hua University

Paper Session 19

Topic: Whole Child Development

Time: 10:30 – 12:00

Venue: B4-LP-02

1. White lies in preschool children: The influence of emotion comprehension and family expressiveness

Ruoxi Zhang, Beijing Normal University

Zhongling Wu, Shandong Normal University

2. The association of temperament and academic language in early childhood: A pilot study

Lu Na Li, Universiti Sains Malaysia

Hui Min Low, Universiti Sains Malaysia

3. Quality of early childhood classroom environments and children’s fine and gross motor skills in kindergarten—longitudinal associations with academic skills and social-emotional well-being

Kiat Hui Khng, *Nanyang Technological University*

Ee Lynn Ng, *Nanyang Technological University*

Chen Xing Sim, *Nanyang Technological University*

4. Sleep conditions of preschool children in Chengdu

Xue Yu, *Chongqing Normal University*

Xiaodang Zhang, *Chongqing Normal University*

Parallel Session 2.2

Time: 13:30 – 15:00

Symposium 6

Topic: Cultivating 21st Century Skills in Early Childhood Education through Computational Thinking and Robotics

Time: 13:30 – 15:00

Venue: D2-LP-07

Chair:

Weipeng Yang, *The Education University of Hong Kong*

Discussant:

Jenny Yun-Chen Chan, *The Education University of Hong Kong*

- 1. Critical thinking, problem-solving and computational thinking: Related but distinct? An analysis of similarities and differences based on an example of a play situation in an Early Childhood Education setting**
Francesca Granone, *University of Stavanger*
Elin Reikerås, *University of Stavanger*
Enrico Pollarolo, *University of Stavanger*
Monika Kamola, *University of Stavanger*
- 2. Facilitating early computational thinking development in kindergarten through teacher-guided play: A qualitative case study**
Anika Saxena, *The Education University of Hong Kong*
- 3. Engaging young learners to program with emotion-based commands in storytelling**
Yuhan Lin, *University of Maryland*
David Weintrop, *University of Maryland*
Audra Selkowitz, *VEX Robotics*
Jason McKenna, *VEX Robotics*
Andy Lee, *VEX Robotics*
- 4. Teachers' scaffolding strategies on robot-specific computational thinking: A video-based study**
Elaine Lam, *The Education University of Hong Kong*
Weipeng Yang, *The Education University of Hong Kong*

Symposium 7**Topic: Teacher Professional Development and Teaching Practices in Elementary Education: An International Landscape****Time: 13:30 – 15:00****Venue: D2-LP-09****Chair:****Xuanyi Eliza Wu**, *The Education University of Hong Kong***Discussant:****Alfredo Bautista**, *The Education University of Hong Kong*

1. **Teachers as adult learners - Effecting professional development and teacher change in lower primary Chinese language teaching and learning through Variation Theory and Multi-Perspectival Reflective Dialogue**

Guat Poh Aw, *Nanyang Technological University*

2. **Teacher professional development and teaching practices in early childhood education: An international landscape: Perspectives from Vietnam**

Kelsey Anne Kelly Carlton, *VVOB-Education for Development***Le Thi Dieu Phuc**, *VVOB-Education for Development*

3. **Autonomy and relatedness: Motivating Hong Kong kindergarten teachers in an online professional development course**

Xuanyi Eliza Wu, *The Education University of Hong Kong***Alfredo Bautista**, *The Education University of Hong Kong***Marc Clarà**, *Universitat de Lleida*

Paper Session 20**Topic: Arts Education****Time: 13:30 – 15:00****Venue: B4-LP-13**

- 1. Animal dance as an integrated learning activity for pre-schoolers**
Nikolay Demerdzhiev, The Education University of Hong Kong
- 2. Chinese immigrant children's musical cultures, musical engagement, and musical identities in the U.S.**
Xin Xie, Pennsylvania State University
- 3. The "alienation" of children's drawings: An empirical analysis based on 2867 Chinese children's works**
Fei Fang, Capital Normal University
- 4. From play to drama: Practices, challenges, and prospects of early childhood drama education in Mainland China**
Haorui Wang, The Education University of Hong Kong

Paper Session 21**Topic: Character and Citizenship Education****Time: 13:30 – 15:00****Venue: B4-LP-10**

- 1. Supporting children's ecological system through culturally responsive pedagogy in teaching early childhood music**
Lily Chen-Hafteck, University of California
- 2. Teacher's perception and challenge on Moral Education in Early Childhood Education**
Ho Sum Jon, The Education University of Hong Kong
Siu-hang Kong, The Education University of Hong Kong
- 3. The development of the ecological-self**
Abigail Carr, Early Childhood Education Consultant & Parent Coach
- 4. Pedagogical approaches in Early Childhood Education: Exploring caring practices among practitioners in the Chinese context**
Xiao Zhang, Lancaster University

Paper Session 22**Topic: Children's Creativity and Self-Expression****Time: 13:30 – 15:00****Venue: B4-LP-09**

- 1. Children as consultants: A constructivist-negotiated approach to art activity planning**
Cherry Justine Chie, *Nanyang Technological University*
Kam Chee Rebecca Chan, *Nanyang Technological University*
- 2. Enhancing creative thinking in kindergarten children: Exploring the impact of teaching instructions, visual art activities, and social contacts**
Yasmin Fong, *The Education University of Hong Kong*
James Ko, *The Education University of Hong Kong*
- 3. Definitions of creativity by kindergarten stakeholders: An interview study based on Rhodes' 4P model**
Jerry Yeung, *The Education University of Hong Kong*
Alfredo Bautista, *The Education University of Hong Kong*
- 4. Effects of music group activities on Early Childhood Education and team cooperation skills: A literature review**
Leiying Wu, *Guangzhou Xinhua University*

Paper Session 23**Topic: Children and the Environment****Time: 13:30 – 15:00****Venue: B4-LP-08**

- 1. From early to later childhood – How can we support children with learning difficulties in enjoying and enhancing their learning?**
Maria Opfermann, *University of Wuppertal*
Claudia Kastens, *University of Wuppertal*
- 2. Children as agents for sustainable transformation: Investigating Chinese preschoolers' understanding of sustainability**
Yingqiao Du, *The Education University of Hong Kong*
Wanlin Zhang, *Southern University of Science and Technology*
- 3. Action-oriented climate change education through socioscientific inquiry-based learning (SSIBL) in early childhood classrooms in China: teachers' professional development**
Jingwen Song, *The University of Southampton*

4. The implementation of environmental education for pre-service preschool teachers in Hong Kong

So Fong Ngan, *The Saint Frances University*

Chun Kit, Hubert Wong, *Vocational Training Council*

Paper Session 24

Topic: Language Development

Time: 13:30 – 15:00

Venue: B4-LP-07

1. Exploring social imagination in preschoolers through integrated qualitative-to-quantitative discourse analysis of wordless picture book narration

Fang Fang, *Universiti Sains Malaysia*

Hui Min Low, *Universiti Sains Malaysia*

2. Spatial language use in preschool educator-child interactions during block play: Relationships to communicative factors

Jie Zhu, *Zhejiang Normal University*

Jiangbo Hu, *Zhejiang Normal University*

Along Yang

3. Development of Chinese language traditional games AROE module to enhance listening and expressing abilities for preschoolers

梅庭仙, *Universiti Pendidikan Sultan Idris*

唐星, *Universiti Pendidikan Sultan Idris*

4. Using phonics to help children learning lexicon

Wing Hei Fung, *The University of Birmingham; Tots Education*

Paper Session 25

Topic: Parenting

Time: 13:30 – 15:00

Venue: B4-LP-04

1. Investigating the impact of parental phubbing on parent-child interaction: An experimental study

Hok Sei Patricia Ng, *The Education University of Hong Kong*

Yi Hung Eva Lau, *The Education University of Hong Kong*

Chun Bun Ian Lam, *The Education University of Hong Kong*

2. The influence of parenting styles on children's relationship skills in multi-child families in mainland China

Yuanyuan Dai, *The University of Hong Kong*

3. **Exploring parental perception and experiences in sexual health education for young children at home: A qualitative study**
Jacqueline Chin Hun Gun, *Sunway University*
Su Woan Wo, *Sunway University*
Gee Ling-Louisa Lee, *Sunway University*
John Jamir Benzon Aruta, *De La Salle University*
4. **The transition experience of two Singaporean families: Educating parents to enable a successful transition**
Mercy Jesuvadian, *Nanyang Technological University*

Paper Session 26

Topic: Teacher Professional Development

Time: 13:30 – 15:00

Venue: B4-LP-02

1. **Impact of online professional development on Hong Kong kindergarten teachers' confidence in music and movement: An experimental study**
Siu Ping Ng, *The Education University of Hong Kong*
Alfredo Bautista, *The Education University of Hong Kong*
Kerry Lee, *The Education University of Hong Kong*
2. **An online professional development on RAMSR: Implementation fidelity and teachers' perspectives**
Yiying Wan, *The Education University of Hong Kong*
Alfredo Bautista, *The Education University of Hong Kong*
Yingying Pan, *The Education University of Hong Kong*
Siu-Ping Ng, *The Education University of Hong Kong*
Kate Williams, *University of the Sunshine Coast*
3. **The influence of transformational leadership and school climate on intrinsic motivation through job satisfaction of teachers of Penggerak Elementary School**
Ambar Restika Suryandaru, *Malang State University*
Sa'dun Akbar, *Malang State University*
Tutut Chusniyah, *Malang State University*
Ika Andriani Farida, *Malang State University*

Poster Session 2**Time: 15:00 – 16:00****Venue: Outside of C-LP-11 (Next to Pacific Coffee)****Poster 30: Parental mind-mindedness and problem behaviors among preschoolers: The role of child negative emotionality***Xiaozi Gao, The Education University of Hong Kong**Zhenlin Wang, Massey University***Poster 31: Mother's attitudes towards media use and children's problematic media use among Chinese young children: A Multiple Mediation Model***Xiaoyu Wan, Guangzhou University**Limin Zhang, Guangzhou University***Poster 32: Early years technology: Using technology toys in the early years classroom***Su Fen Cheong, Preschool Market / National Tsing Hua University***Poster 33: With so many languages in the early childhood classroom... a model that works for all: Lessons from Vietnam***Phúc Lê Thị Diệu, VVOB Education for Development**Kelsey Anne Carlton, VVOB Education for Development***Poster 34: The General Pedagogical Knowledge of six early childhood education teachers who teach English as a Foreign Language in Chinese kindergartens***Xiaobo Shi, Henan Normal University**Susanna Siu-sze Yeung, The Education University of Hong Kong***Poster 35: Enhancing preschoolers' Early Math skills through Contrasted Problem Presentation with alternating sequence***Pui Ka Mui, The Hong Kong Univeristy of Science and Technology**Chen Cheng, The Hong Kong Univeristy of Science and Technology***Poster 36: Motor proficiency and mathematics achievement in the context of long COVID***Catherine M. Capio, Hong Kong Metropolitan University**Sum Kwing Cheung, The Education University of Hong Kong**Annie Yixun Li, The Education University of Hong Kong**Derwin K.C. Chan, The Education University of Hong Kong***Poster 37: Using Bronfenbrenner's Exosystem to consider preschool teacher confidence in child feeding***Hui Wen Chin, Northeastern University; Singapore University of Social Sciences***Poster 38: Pre-service kindergarten teachers' beliefs about school readiness in China: A multiple case study***Jane Xiang, The Education University of Hong Kong*

Poster 39: Gamification in gymnastics: An early childhood gymnastics program's contribution to quality education and holistic development

Qian Wang, *Teachers College of Columbia University*

Jinke Lan, *Jiujiang Bei Jia Ai Kindergarten*

Poster 40: Factors underlying the pro-environmental behaviours in early childhood: A systematic review

Wai Ling Shek, *The Hong Kong University of Science and Technology*

Chen Cheng, *The Hong Kong University of Science and Technology*

Poster 41: Interventions for children with developmental dyslexia: a scoping review

林詩弈, *Chongqing Normal University*

Poster 42: Utilizing humanoid robots to improve learning proficiency and support for students with dyslexia: An empirical investigation

Ka Yan Fung, *The Hong Kong University of Science and Technology*

Kwong Chiu Fung, *The Hong Kong University of Science and Technology*

Kuen Fung Sin, *The Education University of Hong Kong*

Tze Leung, Rick Lui, *The Education University of Hong Kong*

Huamin Qu, *The Hong Kong University of Science and Technology*

Shenghui Song, *The Hong Kong University of Science and Technology*

Poster 43: A review on the relationship between bullying behavior and negative emotions

Tang Xing, *Universiti Pendidikan Sultan Idris*

Mei Tingxian

Day 3
Monday, June 3

Parallel Session 3**Time: 10:30 – 12:00****Symposium 8****Topic: Creating Supportive Ecologies: Strategies for Enhancing Children's Engagement and Learning in Mathematical Development****Time: 10:30 – 12:00****Venue: D2-LP-07****Chairs:***Valerie He, The Education University of Hong Kong**Pierina Cheung, Nanyang Technological University***Discussant:***Jenny Yun-Chen Chan, The Education University of Hong Kong***1. Effects of parent coaching on using number board games to promote young children's mathematical competence***Sum Kwing Cheung, The Education University of Hong Kong**Katrina May Dulay, The University of London**Pui Shan Yip, The Education University of Hong Kong**Yuk Hin Yiu, The Education University of Hong Kong**Bertha H. C. Kum, The Education University of Hong Kong***2. The need to go beyond “basic knowledge and basic skills”: development and validation of the Early Mathematical Content Inventory for preschool teachers***Jin Sun, University of Macau**Yushu Wang, Loughborough University**Sum Kwing Cheung, The Education University of Hong Kong***3. Textbook input shapes children's understanding of natural and rational numbers***Soo-hyun Im, Hanyang University**Jinyoung Heo, Hanyang University**Eunsun Jung, Hanyang University***4. Predictors of early number word acquisition: Evidence from correlation and training studies***Pierina Cheung, Nanyang Technological University**Ee Lynn Ng, Nanyang Technological University*

David Múñez, *Nanyang Technological University*
Sun He, *Nanyang Technological University*

Symposium 9

Topic: Exploring Physical Activities in Early Childhood Education: A Symposium on Current Provision and Innovative Teaching and Learning Approaches

Time: 10:30 – 12:00

Venue: D2-LP-09

Chair:

Thomas Fan, *The Education University of Hong Kong*

1. Provision of physical activities in Hong Kong kindergartens: Grade level differences and venue utilization

Thomas Fan, *The Education University of Hong Kong*

Alfredo Bautista, *The Education University of Hong Kong*

Derwin K. C. Chan, *The Education University of Hong Kong*

2. Operationalising Movement and Physical Activity (MOPA) in early childhood curricula: A content analysis of policies in the Philippines

Charla R. S. Saamong, *The Education University of Hong Kong*

Catherine M. Capio, *Hong Kong Metropolitan University*

3. Cross-cultural comparison of preschoolers' swimming competence: Results from Australia, Singapore, the United States and Hong Kong

Shebe Siwei Xu, *The Education University of Hong Kong*

Alison W. L. Wan, *The Education University of Hong Kong*

Derwin K. C. Chan, *The Education University of Hong Kong*

4. Nature-based and outdoor learning practices to facilitate holistic development

Clement Lam, *EIS International Pre-school*

Paper Session 27**Topic: Computational Thinking and Robotics****Time: 10:30 – 12:00****Venue: B4-LP-13**

- 1. Impact of robotics on the development of problem-solving in the early years**
Anika Saxena, *The Education University of Hong Kong*
Garima Bhatia, *Kunskapsskolan International*
- 2. Computational thinking integration in early childhood in Latin America: A systematic literature review**
Enrique Vazquez-Uscanga, *Pontificia Universidad Católica de Chile*
- 3. Transferring early childhood computational thinking in the context of digitization: Characteristics and effects of touchscreen learning**
Changhai Liu, *Chongqing Normal University*
Yonggang Wei, *Chongqing Normal University*
- 4. Computational thinking in early childhood education: Reviewing the literature and redeveloping the Three-Dimensional Framework**
Yue Zeng, *The Education University of Hong Kong*
Weipeng Yang, *The Education University of Hong Kong*
Alfredo Bautista, *The Education University of Hong Kong*

Paper Session 28**Topic: Health and Well-being****Time: 10:30 – 12:00****Venue: B4-LP-10**

- 1. Beyond basic care: Cultivating comprehensive sexual health education at home for Malaysian SEN children**
Gee Ling-Louisa Lee, *Sunway University*
Su Woan Wo, *Sunway University*
Xin Yi Tan, *Sunway University*
John Jamir Benzon Aruta, *De La Salle University*
Jacqueline Chin Hun Gun, *Sunway University*
- 2. A lemonade stand and four cookies: Baby economicus: Call for financial literacy in early years settings in Hong Kong**
Anna Adasiewicz, *CTF Education Group*
- 3. Capitalizing on the school community to promote epicurean Pleasure for food in children aged between two and three in a Singapore preschool**
Yong Ping Lim, *Singapore University of Social Sciences*

4. The promoting impact of nap willingness and habit on sleep quality

Xue Yu, *Chongqing Normal University*

Paper Session 29**Topic: Mathematics and Other Learning Areas****Time: 10:30 – 12:00****Venue: B4-LP-09****1. Bukas-Tuklas Discovery Box: Developing and pilot testing physical manipulatives for early science and mathematics skills in the Philippines**

Erickson Maclid, *University of the Philippines Diliman*

Rona Mae Yatco, *University of the Philippines Diliman*

Jennifer Roxanne Daez, *University of the Philippines Diliman*

2. Does off-campus training encourage numeracy skills and socio-emotional skills? A quasi-experimental study

Haiping Xue, *Capital Normal University*

Fang Qian, *Capital Normal University*

3. An ontology of off-task behavior in a number activity: The body, space-time, and mathematics

Lin Chen, *Nanning Normal University*

Paper Session 30**Topic: Musical Skills Development in Children****Time: 10:30 – 12:00****Venue: B4-LP-08****1. RAMSR: Innovative rhythm and movement lessons to foster children's self-regulation in Asian preschools**

Alfredo Bautista, *The Education University of Hong Kong*

Siu Ping Ng, *The Education University of Hong Kong*

Yingying Pan, *The Education University of Hong Kong*

Yiying Wan, *The Education University of Hong Kong*

Kate E. Williams, *University of the Sunshine Coast*

2. Parents' perception of the benefits of music activities and the prediction for children's music enrollment

Yingying Pan, *The Education University of Hong Kong*

Alfredo Bautista, *The Education University of Hong Kong*

3. Parental support on children's extra-curricular music learning in China

Xiong Xiaoyu, *The Education University of Hong Kong*

Paper Session 31**Topic: Play and Classroom Engagement****Time: 10:30 – 12:00****Venue: B4-LP-07**

- 1. Open minds, open doors: Researching the value of open-ended play for children with disabilities**
Esther Joosa, Arts of the Earth Learning Hub
- 2. The role of autonomy support in children's involvement in the preschool classroom**
Abbie Sng, NTUC First Campus Limited
Yu Min Lye, NTUC First Campus Limited
Pierina Cheung, Nanyang Technological University
Valerie Goh, Nanyang Technological University
Dinah Liyana Binte Ahmad, Nanyang Technological University
Nirmala Karuppiah, Nanyang Technological University
Nadine Tang, Nanyang Technological University
- 3. Play in community: Promoting social emotional development through play-based interventions for preschoolers in Hong Kong**
Mwaba Moono Chipili, Lingnan University
Vivian Lun, Lingnan University
Francis Cheung, Lingnan University
Hangyi Cheung, Lingnan University
- 4. Loose parts play in the Tinker Lab**
Michelle Banzon-Godoy, Miriam College Loyola Heights

Paper Session 32**Topic: Quality in Early Childhood Education****Time: 10:30 – 12:00****Venue: B4-LP-04**

- 1. Trajectories of classroom quality throughout the morning: A group-based multi-trajectory model using the Class Assessment Scoring System**
Zhangjing Luo, University of Toronto
Samantha Burns, University of Toronto
Calpanaa Jegatheeswaran, University of Toronto
Michal Perlman, University of Toronto
- 2. Quality music teaching and learning in Hong Kong kindergartens**
Yan Lam Ho, The Education University of Hong Kong
Alfredo Bautista, The Education University of Hong Kong

- 3. Construction of the quality of Early Childhood Education (ECE) in Kazakhstan: A two-sited ethnographic study**
Aizhan Ramzanova, Nazarbayev University

Paper Session 33

Topic: Social Skills Development

Time: 10:30 – 12:00

Venue: B4-LP-02

- 1. Exploring the relationship between executive function and social competence of preschoolers: A moderated mediation model**
Mengyan Fang, Jilin International Studies University
Runke Huang
Zuofei Geng
- 2. Exploring the dynamics of preschoolers' peer interaction skills in China**
Xiaoli Zeng, Universiti Sains Malaysia
Hui Min Low, Universiti Sains Malaysia
- 3. Ecologies for development of social skills among homeschooled kindergarten children in Indonesia**
Ranti Setia Pertiwi, Universiti Sains Malaysia
Melissa Ng Lee Yen Abdullah, Universiti Sains Malaysia

Paper Session 34

Topic: Teacher Well-being

Time: 10:30 – 12:00

Venue: B4-LP-03

- 1. Associations between early childhood educators' psychosocial well-being and classroom quality in Singapore**
EeLynn Ng, Nanyang Technological University
Rebecca Bull, Macquarie University
Alfredo Bautista, The Education University of Hong Kong
- 2. Exploring the relationship between mindfulness and holistic well-being among Chinese kindergarten teachers: Shedding light on self-compassion as a mediating factor**
Leung Tuen Yung, Iris, The Education University of Hong Kong
Lam Chun Bun, Ian, The Education University of Hong Kong
- 3. The relationship between psychological detachment and emotional labor of preschool teachers: Mediating role of subjective well-being**
Lin Su, Chongqing Normal University

Yonggang Wei, *Chongqing Normal University*
XiaoMei Li, *Chongqing Normal University*
Wei Li, *Chongqing Normal University*
Chenyu Ji, *Chongqing Normal University*

4. Being nice no matter what: Emotional labour and organisational factors among educators and centre leaders in Finnish early childhood education

Mari Saha, *Tampere University*
Linda Nurhonen, *Tampere University*
Tamara Cumming, *Macquarie University*

Poster Session 3

Time: 14:00 – 15:00

Venue: Outside of C-LP-11 (Next to Pacific Coffee)

Poster 44: Effects of gendered information on gender role socialization of children and adolescents

Liangyuan Xu, Henan Normal University

Yanfang Li, Beijing Normal University

Poster 45: Media-related parenting and child media use among Chinese young children: A large-scale representative study

Qian Peng, South China Normal University

Xi Wang, Guangzhou University

Limin Zhang, Guangzhou University

Xiaoyu Wan, Guangzhou University

Poster 467: Awareness of children's rights and the right to childhood amongst Primary school children: a participatory study conducted at a Government school in Mumbai, India

Prayathna Kowitz, Goethe Universität Frankfurt

Poster 47: Reaching in-service educators via online learning and micro-credentials

Byul Yim, Washington DC State Education Agency

Global Summit Roundtable

Topic: Early Childhood Education in the AI and Digital Age: Challenges and Prospects

Time: 15:00 – 17:00

Venue: C-LP-11

Overview

This is a premier roundtable forum uniting early childhood education (ECE) scholars from across the globe. In this landmark gathering, we seek to bridge the geographical and intellectual expanse between the East and West by bringing together world-class ECE scholars to delve into some of the field's most urgent and pressing topics. As the digital era evolves at an unprecedented pace, our youngest learners find themselves at the nexus of traditional education and the burgeoning world of artificial intelligence and digital tools.

This year's roundtable sets the stage for an in-depth, nuanced dialogue—examining how AI and technological advancements are reshaping the landscape of early education. Through interactive discussions and collaborations, we will explore the myriad of opportunities these innovations present, as well as address the complex challenges they pose to educators, parents, and policymakers. We are at the cusp of a new horizon in early education, and the insights garnered from this summit promise to spark meaningful discussions, influence future educational strategies, and inform policy-making processes.

Chair:

Philip Hui Li, *The Education University of Hong Kong*

Opening Remarks:

John Chi Kin Lee, *The Education University of Hong Kong*

Presentations:

- 1. Early AI education in the U.S.**
Ilene R. Berson, *University of South Florida*
- 2. Early childhood education, inequality and the digital divide**
Lynn Ang, *University of London*
- 3. Early childhood education in the AI and digital age: Chinese perspectives**
Xiumin Hong, *Beijing Normal University*
- 4. ‘The double-edged sword’ nature of AI in ECE: A policy brief**
Jennifer Chen, *Kean University*
- 5. ICT, digital technologies, and AI: Australian perspectives**

Matt Bower, *Macquarie University*

Discussants:

Alfredo Bautista, *The Education University of Hong Kong*

Jianbin Li, *The Education University of Hong Kong*

Weipeng Yang, *The Education University of Hong Kong*