



# 会议日程

## Symposium Schedule

### 总日程

时间 (UTC+8)	11月8日 星期三	11月9日 星期四	11月10日 星期五	11月11日 星期六	11月12日 星期日	时间 (UTC+8)
8:00	<b>报到&amp;注册</b> (学校观摩者) 14:00-17:30	<b>学校观摩*</b>	<b>注册 &amp; 展览</b> 8:00-8:30			8:00
8:30			<b>开幕式</b> 8:30-9:00 (主持人: 周国栋教授)	<b>大会报告三</b> 第一届张奠宙数学教育奖获奖人报告 8:30-9:30 郭玉峰教授 (主持人: 柳笛副教授)	<b>大会报告六</b> 8:30-9:30 Trena Wilkerson教授 (主持人: 李淑惠博士)	8:30
9:00			<b>大会报告一</b> 9:00-10:00 Susanne Prediger 教授 (主持人: 蔡春霞教授)	<b>大会报告四</b> 第二届张奠宙数学教育奖获奖人报告 9:30-10:30 朱雁副教授 (主持人: 鲁小莉副教授)	<b>休息 &amp; 交流 &amp; 展览</b> 9:30-10:00	9:00
9:30			<b>休息 &amp; 交流 &amp; 展览</b> 10:00-10:30			<b>休息 &amp; 交流 &amp; 展览</b> 10:30-10:50
10:00			<b>大会报告二</b> 10:30-11:30 Takeshi Miyakawa教授 (主持人: 莫雅慈副教授)	<b>大会圆桌讨论 (Panel Discussion)</b> 10:50-12:00 主持人: 范良火教授 讨论人: Jonei Cerqueira Barbosa教授, Martin Dyke教授, Anjum Halai教授, Moneoang Leshota博士, Frederick K. S. Leung教授, Wee Tiong Seah教授, Trena Wilkerson教授	<b>大会报告七</b> 10:00-11:00 梁贯成教授 (主持人: 徐斌艳教授)	10:00
10:30			<b>展览</b> 11:30-12:15	<b>午餐</b> 12:00-13:00	<b>午餐</b> 12:00-13:00	10:30
11:00			<b>午餐</b> 12:15-13:30	<b>展览 &amp; 新书发布会</b> 13:00-14:00	<b>闭幕</b> 11:00-11:30 (主持人: 张凤华)	11:00
11:30			<b>平行论坛一</b> TSG1(1), 3(1), 4(1), 4(2), 5(1), 7(1); 工作坊1 & 2(1) 13:30-15:00	<b>大会报告五</b> 14:00-15:00 Jeremy Hodgen教授 (主持人: 吴颖康副教授)		11:30
12:00			<b>休息 &amp; 交流</b> 15:00-15:30	<b>休息 &amp; 交流</b> 15:00-15:30		12:00
12:30			<b>平行论坛二</b> TSG1(2), 2(1), 3(2), 4(3), 4(4), 7(2); 工作坊 3 15:30-17:00	<b>平行论坛三</b> TSG1(3), 2(2), 3(3) & 6, 4(5), 4(6), 5(2); 工作坊 2(2) 15:30-17:00		12:30
13:00		<b>晚餐</b> 17:00-18:00	<b>晚餐</b> 17:00-18:00	13:00		
13:30		<b>晚餐</b> 17:30-18:30	<b>晚餐</b> 17:30-18:30	<b>晚餐</b> 17:00-18:00	13:30	
14:00		<b>晚餐</b> 17:30-18:30	<b>晚餐</b> 17:30-18:30	<b>晚餐</b> 17:00-18:00	14:00	
14:30		<b>晚餐</b> 17:30-18:30	<b>晚餐</b> 17:30-18:30	<b>晚餐</b> 17:00-18:00	14:30	
15:00		<b>晚餐</b> 17:30-18:30	<b>晚餐</b> 17:30-18:30	<b>晚餐</b> 17:00-18:00	15:00	
15:30		<b>晚餐</b> 17:30-18:30	<b>晚餐</b> 17:30-18:30	<b>晚餐</b> 17:00-18:00	15:30	
16:00		<b>晚餐</b> 17:30-18:30	<b>晚餐</b> 17:30-18:30	<b>晚餐</b> 17:00-18:00	16:00	
16:30		<b>晚餐</b> 17:30-18:30	<b>晚餐</b> 17:30-18:30	<b>晚餐</b> 17:00-18:00	16:30	
17:00		<b>晚餐</b> 17:30-18:30	<b>晚餐</b> 17:30-18:30	<b>晚餐</b> 17:00-18:00	17:00	
17:30	<b>晚餐</b> 17:30-18:30	<b>晚餐</b> 17:30-18:30	<b>晚餐</b> 17:00-18:00	17:30		
18:00	<b>晚餐</b> 17:30-18:30	<b>晚餐</b> 17:30-18:30	<b>晚餐</b> 17:00-18:00	<b>数学话剧</b> 18:00-21:00	18:00	

\*观摩学校包括上海惠灵顿外籍人员子女学校、上海民办华曜宝山实验学校、上海市闵行区教育学院附属友爱实验中学、上海市洋泾菊园实验学校四所学校。



## Overall Schedule

Time (UTC+8)	8 November Wednesday	9 November Thursday	10 November Friday	11 November Saturday	12 November Sunday	Time (UTC+8)			
8:00	<b>Arrival &amp; Registration</b> <i>Only for those who join the school visit</i> 14:00-17:30	<b>Visiting Schools*</b>	<b>Registration &amp; Exhibition</b> 8:00-8:30			8:00			
8:30			<b>Opening Ceremony</b> 8:30-9:00 <i>(Chair: Prof. Guodong Zhou)</i>	<b>Plenary Lecture 3</b> 8:30-9:30 Prof. Yufeng Guo <i>(Chair: Dr. Di Liu)</i>	<b>Plenary Lecture 6</b> 8:30-9:30 Prof. Trena Wilkerson <i>(Chair: Dr. Shuhui Li)</i>	8:30			
9:00			<b>Plenary Lecture 1</b> 9:00-10:00 Prof. Susanne Prediger <i>(Chair: Prof. Chunxia Qi)</i>	<b>Plenary Lecture 4</b> 9:30-10:30 Dr. Yan Zhu <i>(Chair: Dr. Xiaoli Lu)</i>	<b>Break &amp; Networking</b> 9:30-10:00	9:00			
9:30			<b>Break &amp; Networking</b> 10:00-10:30			<b>Plenary Lecture 7</b> 10:00-11:00 Prof. Frederick K. S. Leung <i>(Chair: Prof. Binyan Xu)</i>	9:30		
10:00			<b>Arrival &amp; Registration</b> <i>Only for those who join the school visit</i> 14:00-17:30	<b>Arrival &amp; Registration</b> 14:00-17:30	<b>Break &amp; Networking</b> 10:30-10:50	<b>Break &amp; Networking</b> 10:30-10:50	10:00		
10:30					<b>Plenary Lecture 2</b> 10:30-11:30 Prof. Takeshi Miyakawa <i>(Chair: Ida Ah Chee Mok)</i>	<b>Panel Discussion</b> 10:50-12:00 Moderator: Prof. Lianghuo Fan Panelist: Prof. Jonei Cerqueira Barbosa, Prof. Martin Dyke, Prof. Anjum Halai, Dr. Moneoang Leshota, Prof. Frederick K. S. Leung, Prof. Wee Tiong Seah, Prof. Trena Wilkerson	<b>Closing Ceremony</b> 11:00-11:30 <i>(Chair: Ms. Fenghua Zhang)</i>	10:30	
11:00					<b>Exhibition</b> 11:30-12:15	<b>Lunch</b> 12:00-13:00	<b>Lunch</b> 11:30-12:30	11:00	
11:30					<b>Lunch</b> 12:15-13:30			<b>Exhibition &amp; New Book Release</b> 13:00-14:00	11:30
12:00					<b>Parallel Session 1 for</b> <b>TSG1(1), 3(1), 4(1), 4(2), 5(1),</b> <b>7(1); Workshop 1 &amp; 2(1)</b> 13:30-15:00			<b>Plenary Lecture 5</b> 14:00-15:00 Prof. Jeremy Hodgen <i>(Chair: Dr. Yingkang Wu)</i>	12:00
12:30					<b>Arrival &amp; Registration</b> 14:00-17:30	<b>Arrival &amp; Registration</b> 14:00-17:30	<b>Break &amp; Networking</b> 15:00-15:30	<b>Break &amp; Networking</b> 15:00-15:30	12:30
13:00		<b>Parallel Session 2 for</b> <b>TSG1(2), 2(1), 3(2), 4(3), 4(4),</b> <b>7(2); Workshop 3</b> 15:30-17:00					<b>Parallel Session 3 for</b> <b>TSG1(3), 2(2), 3(3) &amp; 6, 4(5), 4(6), 5(2);</b> <b>Workshop 2(2)</b> 15:30-17:00	<b>Departure</b> 12:30-	13:00
13:30		<b>Dinner</b> 17:30-18:30					<b>Dinner</b> 17:00-18:00	<b>Mathematical Drama</b> 18:00-21:00	13:30
14:00		<b>Arrival &amp; Registration</b> 14:00-17:30					<b>Arrival &amp; Registration</b> 14:00-17:30	<b>Arrival &amp; Registration</b> 14:00-17:30	<b>Arrival &amp; Registration</b> 14:00-17:30
14:30			14:30						
15:00			15:00						
15:30			15:30						
16:00		16:00							
16:30		16:30							
17:00		17:00							
17:30	17:30								
18:00	18:00								

\*Supporting schools: Wellington College International Shanghai; Shanghai Huayao Baoshan Experimental School; You Ai Experimental Middle School Affiliated to Minhang Education Institute; Shanghai Yangjing-Juyuan Experimental School.



## 每日议程 Daily Schedule

11月10日 星期五 10 November Friday	
8:00-8:30	<p><b>注册 &amp; 展览 Registration &amp; Exhibition</b></p> <p>地点: 学生之家C区 Location: Home of Students (Campus Centre) C</p>
8:30-9:00	<p><b>开幕式 Opening Ceremony</b></p> <p>领导致辞、专家介绍</p> <p>主持人: 周国栋教授 (华东师范大学) Chair: Prof. Guodong Zhou (East China Normal University)</p> <p>地点: 学生之家C区报告厅 Location: Lecture Hall, Home of Students (Campus Centre) C</p>
9:00-10:00	<p><b>大会报告 1 Plenary Lecture 1</b></p> <p><b>Bridging Language for Developing Conceptual Understanding: A Research Journey</b></p> <p>连结语言以发展概念理解——一段研究的旅途</p> <p>报告人: Susanne Prediger 教授 (德国多特蒙德工业大学) Speaker: Prof. Susanne Prediger (TU Dortmund University, Germany)</p> <p>主持人: 秦春霞教授 (北京师范大学) Chair: Prof. Chunxia Qi (Beijing Normal University)</p> <p>地点: 学生之家C区报告厅 Location: Lecture Hall, Home of Students (Campus Centre) C</p>
10:00-10:30	<p><b>休息 &amp; 交流 &amp; 展览 Break &amp; Networking &amp; Exhibition</b></p> <p>地点: 学生之家C区 Location: Home of Students (Campus Centre) C</p>
10:30-11:30	<p><b>大会报告 2 Plenary Lecture 2</b></p> <p><b>Studying the Cultural Aspect of Japanese Mathematics Teaching and Learning from a Perspective of the Anthropological Theory of the Didactic</b></p> <p>从教学理论的视角研究日本数学教与学的文化层面</p> <p>报告人: Takeshi Miyakawa 教授 (日本早稻田大学) Speaker: Prof. Takeshi Miyakawa (Waseda University, Japan)</p> <p>主持人: 莫雅慈副教授 (香港大学) Chair: Dr. Ida Ah Chee Mok (The University of Hong Kong)</p> <p>地点: 学生之家C区报告厅 Location: Lecture Hall, Home of Students (Campus Centre) C</p>
11:30-12:15	<p><b>展览 Exhibition</b></p> <p>地点: 闵行学生之家C区 Location: Home of Students (Campus Centre) C</p>
12:15-13:30	<p><b>午餐 Lunch</b></p> <p>地点: 夏雨厅 (华闵食堂) 三楼 Location: Third floor, Xiayu Canteen</p>



11月10日 星期五 10 November Friday

	<p><b>TSG1(1): 数学教师教育与专业发展</b> 主席: Dubravka Glasnović Gracin 副教授 (克罗地亚萨格勒布大学) 张侨平博士 (香港教育大学) 地点: 二教409</p>	<p><b>TSG3(1): 数学课程改革和教材研究</b> 主席: Marc van Zanten 博士 (荷兰课程开发研究所; 乌特勒支大学弗赖登塔尔研究所) 诸方淳博士 (上海建桥学院) 地点: 二教406</p>	<p><b>TSG4(1): 数学课堂教学和评价</b> 主席: 程靖博士 (华东师范大学) 徐伟民教授 (台湾屏东大学) 地点: 二教410</p>	<p><b>工作坊 1</b> 主持人: 张伟平副教授 (上海师范大学) 地点: 二教431</p>
13:30-15:00	<p><b>报告 1-1</b> <b>A Visual-Dialogic Approach: Professional Development for Preservice Mathematics Teachers in China</b> <u>Ying Zhang</u><sup>1</sup>, Jieting Xin<sup>1</sup>, Zixiang Yu<sup>2</sup>, Yu Liu<sup>3</sup>, Wenjun Zhao<sup>4</sup>, Na Li<sup>3</sup>, Gaowei Chen<sup>1</sup> (1. 香港大学; 2. 英国爱丁堡大学; 3. 西南大学; 4. 四川师范大学; 5. 华中师范大学)</p>	<p><b>报告 3-1</b> <b>Opportunities and Constraints in Digital Textbook Tasks</b> <u>Dubravka Glasnović Gracin</u><sup>1</sup> (1. 克罗地亚萨格勒布大学)</p>	<p><b>报告 4-1</b> <b>小学数学跨学科综合教学设计与实践——以“日影的故事”为例</b> <u>张月</u><sup>1</sup>; <u>王春英</u><sup>2</sup>; <u>吕立杰</u><sup>1</sup>; <u>史宁中</u><sup>1</sup> (1. 东北师范大学; 2. 东北师范大学附属小学)</p>	<p>新加坡数学之基于真实情境的数学问题解决 <u>黄卫民</u><sup>1</sup> (1. TP Education) 13:30-14:30</p>
	<p><b>报告 1-2</b> <b>职前数学教师学习机会与数学教师知识的关系研究</b> <u>邓钧</u><sup>1</sup>; <u>杨新荣</u><sup>1</sup> (1. 西南大学)</p>	<p><b>报告 3-2</b> <b>小学数学数的概念一致性与运算一致性研究</b> <u>赵莉</u><sup>1</sup>; <u>史宁中</u><sup>2</sup> (1. 长春师范大学; 2. 东北师范大学)</p>	<p><b>报告 4-2</b> <b>逆向教学设计视野下基于“教、学、评”一致性的课堂实践路径</b> <u>陈丹妮</u><sup>1</sup> (1. 宁波大学)</p>	
	<p><b>报告 1-3</b> <b>小学教师数学教学知识与课堂提问行为的关系研究</b> <u>玉娟宝</u><sup>1</sup>; <u>费亚欣</u><sup>2</sup>; <u>董连春</u><sup>2</sup> (1. 普洱市第一中学; 2. 中央民族大学)</p>	<p><b>报告 3-3</b> <b>中国初中数学教科书中的非文本元素是如何呈现的</b> <u>李珍珠</u><sup>1</sup>; <u>李娜</u><sup>1</sup>; <u>陈秋雨</u><sup>1</sup>; <u>范良火</u><sup>1,2</sup> <small>通讯作者</small> (1. 华东师范大学; 2. 英国南安普顿大学)</p>	<p><b>报告 4-3</b> <b>立足市域,走向全国: 章起始课为抓手的初中数学大单元教学实践探索</b> <u>邢成云</u><sup>1</sup>; <u>陈元云</u><sup>2</sup> (1. 山东省滨州市教育科学研究院; 2. 山东省惠民县辛店镇中学)</p>	
	<p><b>报告 1-4</b> <b>数学建模背景下职前教师关注力的培养——一项基于录像的干预研究</b> <u>左思宇</u><sup>1</sup>; <u>慕春霞</u><sup>1</sup> (1. 北京师范大学)</p>	<p><b>报告 3-4</b> <b>素养导向的课程改革及其启示——基于中、澳、加、爱四国最新颁布的数学课程标准</b> <u>江漂</u><sup>1</sup>; <u>张维忠</u><sup>1</sup> (1. 浙江师范大学)</p>	<p><b>报告 4-4</b> <b>上海小学数学专家教师视野中发展学生主体性 (student agency) 的课堂特征</b> <u>成佳蕾</u><sup>1</sup>; <u>黄兴丰</u><sup>1</sup> (1. 上海师范大学)</p>	
	<p><b>报告 1-5</b> <b>课例研究视角下教师学科教学知识的生成路径</b> <u>张浩羽</u><sup>1</sup>; <u>于露露</u><sup>1</sup> (1. 南京师范大学)</p>	<p><b>报告 3-5</b> <b>上海高中数学新教材例习题的评价研究</b> <u>程靖</u><sup>1</sup>; <u>诸方淳</u><sup>2</sup>; <u>王一粟</u><sup>1</sup>; <u>季春玉</u><sup>1</sup>; <u>陈梦舒</u><sup>3</sup>; <u>朱梦娇</u><sup>4</sup>; <u>范良火</u><sup>1</sup> <small>通讯作者</small> (1. 华东师范大学; 2. 上海建桥学院; 3. 安庆市统计局; 4. 苏州工业园区星海实验高级中学)</p>	<p><b>报告 4-5</b> <b>基于聚类分析的小学生函数思维发展阶段的研究</b> <u>邓茜茜</u><sup>1</sup>; <u>丁锐</u><sup>1</sup> (1. 东北师范大学)</p>	
	<p><b>报告 1-6</b> <b>数学史对小学数学教师的内容与教学知识 (KCT) 的影响</b> <u>李卓忱</u><sup>1</sup> (1. 扬州大学)</p>		<p><b>报告 4-6</b> <b>指向深度学习的二次函数单元整体教学设计与实践</b> <u>韩湘宇</u><sup>1</sup> (1. 上海师范大学)</p>	
	15:00-15:30	休息 & 交流		

注: 报告者姓名已用下划线标注。



11月10日 星期五 10 November Friday

	<p><b>TSG1(1): Mathematics teacher education and professional development</b> Chair: Dr. Dubravka Glasnović Gracin (University of Zagreb, Croatia) Dr. Qiaoping Zhang (The Education University of Hong Kong) <i>Location: Room 409, No. 2 Teaching Building</i></p>	<p><b>TSG3(1): Mathematics curriculum and textbooks</b> Chair: Dr. Marc van Zanten (Netherlands Institute for Curriculum Development SLO/Freudenthal Institute, Utrecht University) Dr. Fangchun Zhu (Shanghai Jianqiao University) <i>Location: Room 406, No. 2 Teaching Building</i></p>	<p><b>TSG4(1): Mathematics classroom teaching, learning and assessment</b> Chair: Dr. Jing Cheng (East China Normal University) Prof. Weimin Hsu (Pingdong University) <i>Location: Room 410, No. 2 Teaching Building</i></p>	<p><b>Workshop 1</b> Chair: Dr. Weiping Zhang (Shanghai Normal University) <i>Location: Room 431, No. 2 Teaching Building</i></p>
13:30-15:00	<p><b>Presentation 1-1</b> <b>A Visual-Dialogic Approach: Professional Development for Preservice Mathematics Teachers in China</b> <u>Ying Zhang</u><sup>1</sup>, Jieting Xin<sup>1</sup>, Zixiang Yu<sup>2</sup>, Yu Liu<sup>3</sup>, Wenjun Zhao<sup>4</sup>, Na Li<sup>5</sup>, Gaowei Chen<sup>1</sup> (1. The University of Hong Kong; 2. The University of Edinburgh; 3. Southwest University; 4. Sichuan Normal University; 5. Central China Normal University)</p>	<p><b>Presentation 3-1</b> <b>Opportunities and Constraints in Digital Textbook Tasks</b> <u>Dubravka Glasnović Gracin</u><sup>1</sup> (1. University of Zagreb, Croatia)</p>	<p><b>Presentation 4-1</b> <b>Design and Practice of Interdisciplinary Comprehensive Teaching for Primary School Mathematics: Taking “The Story of Sunshadow” as an Example</b> <u>Yue Zhang</u><sup>1</sup>, Chunying Wang<sup>2</sup>, Lijie Lv<sup>1</sup>, Ningzhong Shi<sup>1</sup> (1. Northeast Normal University; 2. Primary School Affiliated to Northeast Normal University)</p>	<p><b>Mathematics in Singapore: Problems in Real-World Context</b> <u>David Ng Wei Min</u><sup>1</sup> (1. TP Education) <i>13:30-14:30</i></p>
	<p><b>Presentation 1-2</b> <b>The Relationship between Pre-Service Mathematics Teachers’ Opportunities to Learn and Professional Knowledge</b> <u>Jun Deng</u><sup>1</sup>, Xinrong Yang<sup>1</sup> (1. Southwest University)</p>	<p><b>Presentation 3-2</b> <b>The Study of the Consistency of Concept of Numbers and the Consistency of Operation of Numbers in Primary Schools Mathematics</b> <u>Li Zhao</u><sup>1</sup>, Ningzhong Shi<sup>2</sup> (1. Changchun Normal University; 2. Northeast Normal University)</p>	<p><b>Presentation 4-2</b> <b>Classroom Practice Based on the Consistency of “Teaching, Learning, and Evaluation” from the Perspective of Reverse Instructional Design</b> <u>Danni Chen</u><sup>1</sup> (1. Ningbo University)</p>	
	<p><b>Presentation 1-3</b> <b>A Study on the Relationship between Primary School Teachers’ Mathematics Teaching Knowledge Levels and Classroom Questioning Behaviors</b> <u>Nanbao Yu</u><sup>1</sup>, <u>Yaxin Fei</u><sup>2</sup>, Lianchun Dong<sup>2</sup> (1. Pu'er No.1 Middle School; 2. Minzu University of China)</p>	<p><b>Presentation 3-3</b> <b>How Are Non-Textual Elements (Ntes) Designed in Chinese Secondary School Curriculum? An Investigation of Mathematics Textbooks</b> <u>Lingzhu Li</u><sup>1</sup>, Na Li<sup>1</sup>, Qiuyu Chen<sup>1</sup>, Lianghuo Fan<sup>1,2*</sup> <small>corresponding author</small> (1. East China Normal University; 2. University of Southampton)</p>	<p><b>Presentation 4-3</b> <b>Based on the City, towards the Country: Exploration on the Practice of Teaching Large Units of Mathematics in Junior Middle School by Using Chapter Beginning Class</b> <u>Chengyun Xing</u><sup>1</sup>, Yuanyun Chen<sup>2</sup> (1. The Institute of Education Sciences of Binzhou; 2. Xindian Middle School)</p>	
	<p><b>Presentation 1-4</b> <b>Developing Preservice Teacher Noticing within the Context of Mathematical Modelling: A Video-Based Intervention Study</b> <u>Siyu Zuo</u><sup>1</sup>, Chunxia Qi<sup>1</sup> (1. Beijing Normal University)</p>	<p><b>Presentation 3-4</b> <b>Competencies Oriented Curriculum Reform and Its Enlightenment: Based on the Latest Mathematics Curriculum Standards Issued by China, Australia, Canada, and Ireland</b> <u>Piao Jiang</u><sup>1</sup>, Weizhong Zhang<sup>1</sup> (1. Zhejiang Normal University)</p>	<p><b>Presentation 4-4</b> <b>The Elementary School Mathematics Classroom Teaching for Developing Student Agency: Perspectives from Expert Teachers</b> <u>Jialei Cheng</u><sup>1</sup>, Xingfeng Huang<sup>1</sup> (1. Shanghai Normal University)</p>	
	<p><b>Presentation 1-5</b> <b>The Generation Path of Pedagogical Content Knowledge for Mathematics Teachers from the Perspective of Lesson Study</b> <u>Haoyu Zhang</u><sup>1</sup>, Lulu Yu<sup>1</sup> (1. Nanjing Normal University)</p>	<p><b>Presentation 3-5</b> <b>Evaluation of the Tasks in Shanghai High School New Mathematics Textbook</b> <u>Jing Cheng</u><sup>1</sup>, <u>Fangchun Zhu</u><sup>2</sup>, Yisu Wang<sup>1</sup>, Chunyu Ji<sup>1</sup>, Mengshu Chen<sup>3</sup>, Mengjiao Zhu<sup>4</sup>, Lianghuo Fan<sup>1*</sup> <small>corresponding author</small> (1. East China Normal University; 2. Shanghai Jian Qiao University; 3. Anqing Municipal Bureau of Statistics; 4. Suzhou Industrial Park Xinghai Experimental High School)</p>	<p><b>Presentation 4-5</b> <b>Research on the Development Stages of Elementary Students’ Functional Thinking Based on Cluster Analysis</b> <u>Xixi Deng</u><sup>1</sup>, Rui Ding<sup>1</sup> (1. Northeast Normal University)</p>	
	<p><b>Presentation 1-6</b> <b>The Influence of the History of Mathematics on the Knowledge of Content and Teaching (KCT) of Primary School Mathematics Teachers</b> <u>Zhuochen Li</u><sup>1</sup> (1. Yangzhou University)</p>		<p><b>Presentation 4-6</b> <b>Overall Teaching Design and Practice of Quadratic Function Unit for Deep Learning</b> <u>Xiangyu Han</u><sup>1</sup> (1. Shanghai Normal University)</p>	
	15:00-15:30	<b>Break &amp; Networking</b>		

Note: The names of presenters are underlined.



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	<p><b>TSG4(2): 数学课堂教学和评价</b> 主席: 程靖博士 (华东师范大学) 徐伟民教授 (台湾屏东大学) 地点: 二教414</p>	<p><b>TSG5(1): 比较和国际数学教育</b> 主席: Dyana Wijayanti 博士 (华东师范大学) 赵晓燕博士 (南京师范大学) 地点: 二教418</p>	<p><b>TSG7(1): 其他数学教育相关研究</b> 主席: Ariel Lindorff 博士 (英国牛津大学) 周达博士 (东北师范大学) 地点: 二教420</p>	<p><b>工作坊 2(1)</b> 主持人: 唐佳丽 (华东师范大学) 地点: 二教H401</p>
13:30-15:00	<p><b>报告 4-7</b> 思维导图助力传统教学思想融入 小学数学教学 孙露<sup>1</sup> (1. 黄山学院)</p>	<p><b>报告 5-1</b> 数学教育研究中工具化理论的应用— —一个系统性文献综述 谭奇<sup>1</sup>; 袁智强<sup>2</sup> (1. 华东师范大学; 2. 湖南师范大学)</p>	<p><b>报告 7-1</b> 中国数学教育研究三十年: 1993-2022 —基于中国(大陆)数学教育 博士学位论文的统计与分析 樊惟媛<sup>1</sup>; 徐文彬<sup>1</sup> (1. 南京师范大学)</p>	<p>卡西欧计算器助力 数学教与学 林素华<sup>1</sup> (1. 卡西欧(中国) 贸易有限公司) 13:30-14:00</p>
	<p><b>报告 4-8</b> 小学数学微项目化学习设计与实 践研究 唐黎明<sup>1</sup> (1. 深圳小学)</p>	<p><b>报告 5-2</b> 国际视野下数学奥林匹克的实践与特 点 陈锦华<sup>1,2</sup>; 何忆捷<sup>1,2</sup>; 罗振华<sup>1,2</sup> (1. 华东师范大学; 2. 上海市核心数 学与实践重点实验室)</p>	<p><b>报告 7-2</b> 个体数学建模过程的特征分析: 一种建模路线重建的方法 付裕<sup>1</sup>; 杨向东<sup>1</sup>; 徐斌艳<sup>1</sup> (1. 华东师范大学)</p>	
	<p><b>报告 4-9</b> 聚焦学生问题提出的高中数学教 学实践研究 杨凤文<sup>1</sup> (1. 北京市第四中学)</p>	<p><b>报告 5-3</b> 符号学视角下中日数学教科书的文化 性探微—基于初中“函数与方程”内 容的比较 陈志辉<sup>1</sup>; 陈卓君<sup>1</sup> (1. 华南师范大学)</p>	<p><b>报告 7-3</b> 小学生一般教育价值观的实证研 究及其教学启示 李艳<sup>1</sup>; 杨韵莹<sup>2</sup>; 余伟忠<sup>3</sup> (1. 四川师范大学; 2. 华南师范大 学; 3. 墨尔本大学)</p>	
	<p><b>报告 4-10</b> 探析数学专业本科生的证明阅读 理解能力 —以柯西微分中值定理为例 王博<sup>1</sup> (1. 东北师范大学)</p>	<p><b>报告 5-4</b> 中日小学数学教材计数单位内容编 写的比较研究—以人教版和启林馆教 材为例 冯小爽<sup>1</sup>; 王艳玲<sup>1</sup> (1. 东北师范大学)</p>		
	<p><b>报告 4-11</b> 中国小学数学课堂中的师生话 语: 对三个年代的8节示范课的 研究 赵冬臣<sup>1</sup>; 向坤<sup>2</sup>; 范良火<sup>2,3</sup> (1. 哈尔滨师范大学; 2. 英国南安 普顿大学; 3. 华东师范大学)</p>	<p><b>报告 5-5</b> 中国、芬兰数学教材中的推理与证明 —以初中方程内容为例 付钰<sup>1</sup>; 王嘉瑶<sup>2</sup> (1. 南京信息工程大学; 2. 北京师范 大学)</p>	<p><b>报告 7-4</b> 分类讨论思想的深度解题研究— —以一道数列题为例 刘倩<sup>1</sup> (1. 华南师范大学)</p>	
	<p><b>报告 4-12</b> Cultivating Students' Mathematical Creative Thinking Ability in Inquiry-Based Classroom 徐彦辉<sup>1</sup> (1. 温州大学)</p>			
15:00-15:30	休息 & 交流			



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	<p><b>TSG4(2): Mathematics classroom teaching, learning and assessment</b> Chair: Dr. Jing Cheng (East China Normal University) Prof. Weimin Hsu (Pingdong University) Location: Room 414, No. 2 Teaching Building</p>	<p><b>TSG5(1): Comparative and international studies in mathematics education</b> Chair: Dr. Dyana Wijayanti (East China Normal University) Dr. Xiaoyan Zhao (Nanjing Normal University) Location: Room 418, No. 2 Teaching Building</p>	<p><b>TSG7(1): Other research areas related to mathematics education</b> Chair: Dr. Ariel Lindorff (University of Oxford, UK) Dr. Da Zhou (Northeast Normal University) Location: Room 420, No. 2 Teaching Building</p>	<p><b>Workshop 2(1)</b> Chair: Jiali Tang (East China Normal University) Location: Room H401, No. 2 Teaching Building</p>
13:30-15:00	<p><b>Presentation 4-7</b> Mind Mapping Assists Integrate Traditional Teaching Ideas into Primary School Mathematics Teaching <u>Lu Sun</u><sup>1</sup> (1. Huangshan University)</p>	<p><b>Presentation 5-1</b> A Systematic Review on the Application of Instrumentation Theory in Mathematics Education Research <u>Qi Tan</u><sup>1</sup>, <u>Zhiqiang Yuan</u><sup>2</sup> (1. East China Normal University; 2. Hunan Normal University)</p>	<p><b>Presentation 7-1</b> Thirty Years of Research on Mathematics Education in China (1993-2022): Statistics and Analysis Based on Doctoral Dissertations in Mathematics Education in China (Mainland) <u>Weiyuan Fan</u><sup>1</sup>, <u>Wenbin Xu</u><sup>1</sup> (1. Nanjing Normal University)</p>	<p><b>The Active Role of Casio Calculators in Mathematics Teaching and Learning</b> <u>Suhua Lin</u><sup>1</sup> (1. CASIO (CHINA) CO., LTD.) 13:30-14:00</p>
	<p><b>Presentation 4-8</b> Study on Design and Practice of Micro-project Learning of Mathematics of Primary School <u>LiMing Tang</u><sup>1</sup> (1. Shenzhen Primary School)</p>	<p><b>Presentation 5-2</b> Practice and Characteristics of Mathematical Olympiads from an International Perspective <u>Jinhua Chen</u><sup>1,2</sup>, <u>Yijie He</u><sup>1,2</sup>, <u>Zhenhua Luo</u><sup>1,2</sup> (1. East China Normal University; 2. Shanghai Key Laboratory of Pure Mathematics and Mathematical Practice)</p>	<p><b>Presentation 7-2</b> Characteristics Analysis of Students' Individual Mathematical Modeling Process <u>Yu Fu</u><sup>1</sup>, <u>Xiangdong Yang</u><sup>1</sup>, <u>Binyan Xu</u><sup>1</sup> (1. East China Normal University)</p>	
	<p><b>Presentation 4-9</b> Research on the Practice of High School Mathematics Teaching Focusing on Students' Questions <u>Fengwen Yang</u><sup>1</sup> (1. Beijing No. 4 High School)</p>	<p><b>Presentation 5-3</b> An Exploration on the Cultural Attribute of Chinese and Japanese Mathematics Textbooks from the Perspective of Peirce Semiotics: Based on the Comparison Study on the Domain of Functions and Equations in the Level of Junior High School <u>Zhihui Chen</u><sup>1</sup>, <u>Zhuojun Chen</u><sup>1</sup> (1. South China Normal University)</p>	<p><b>Presentation 7-3</b> An Empirical Study of General Educational Values of Chinese Elementary School Students and Its Teaching Implications <u>Yan Li</u><sup>1</sup>, <u>Yunying Yang</u><sup>2</sup>, <u>Wee Tiong Seah</u><sup>3</sup> (1. Sichuan Normal University; 2. South China Normal University; 3. The University of Melbourne)</p>	
	<p><b>Presentation 4-10</b> Exploring Math Major Students' Reading Comprehension Ability of Proofs: Taking the Cauchy Generalized Mean Value Theorem as an Example <u>Bo Wang</u><sup>1</sup> (1. Northeast Normal University)</p>	<p><b>Presentation 5-4</b> A Comparative Study on the Compilation of Counting Units in Primary Mathematics Textbooks in China and Japan: Takes the Textbooks of the PEP Edition and the Qilin Guan Edition as Examples <u>Xiaoshuang Feng</u><sup>1</sup>, <u>Yanling Wang</u><sup>1</sup> (1. Northeast Normal University)</p>		
	<p><b>Presentation 4-11</b> Teacher-Student Discourse in Chinese Primary Mathematics Classrooms: A Study of Eight Exemplary Lessons across Three Decades <u>Dongchen Zhao</u><sup>1</sup>, <u>Kun Xiang</u><sup>2</sup>, <u>Lianghuo Fan</u><sup>2,3</sup> (1. Harbin Normal University; 2. University of Southampton; 3. East China Normal University)</p>	<p><b>Presentation 5-5</b> Reasoning and Proof in Mathematics Textbooks: Taking Equation Content in Chinese and Finnish Mathematics Textbooks as an Example <u>Yu Fu</u><sup>1</sup>, <u>Jiayao Wang</u><sup>2</sup> (1. Nanjing University of Information Science and Technology; 2. Beijing Normal University)</p>	<p><b>Presentation 7-4</b> An In-depth Problem Solving Study of Categorical Discussion: Taking a Problem on Sequence of Numbers as an Example <u>Qian Liu</u><sup>1</sup> (1. South China Normal University)</p>	
	<p><b>Presentation 4-12</b> Cultivating Students' Mathematical Creative Thinking Ability in Inquiry-Based Classroom <u>Yanhui Xu</u><sup>1</sup> (1. Wenzhou University)</p>			
	15:00-15:30	Break & Networking		



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	<p><b>TSG1(2): 数学教师教育与专业发展</b> 主席: Dubravka Glasnović Gracin 副教授 (克罗地亚萨格勒布大学) 张侨平博士 (香港教育大学) 地点: 二教409</p>	<p><b>TSG2(1): 技术与数学教育的融合</b> 主席: 丁美霞教授 (美国天普大学) Mailizar 教授 (印度尼西亚 Syiah Kuala 大学) 地点: 二教H401</p>	<p><b>TSG3(2): 数学课程改革和教材研究</b> 主席: Marc van Zanten 博士 (荷兰课程开发研究所; 乌特勒支大学弗赖登塔尔研究所) 诸方淳博士 (上海建桥学院) 地点: 二教406</p>
	<p><b>报告 1-7</b> 专家教师和新手教师课堂中以素养为导向的学生活动差异——基于认知网络分析(ENA)视角 梁海丽<sup>1</sup>; 杜剑南<sup>1</sup> (1. 北京师范大学)</p>	<p><b>报告 2-1</b> 关于数学电子教材功能的研究综述 金敏<sup>1,2</sup> (1. 华东师范大学; 2. 南京市建邺区教师发展中心)</p>	<p><b>报告 3-6</b> A Systematic Review of Research Study in the Area of Indonesian Mathematics Textbooks Dyana Wijayanti<sup>1,2</sup>; Muhammad Taqiyuddin<sup>3</sup> (1. 华东师范大学; 2. 苏丹阿贡伊斯兰大学; 3. 奥克兰大学)</p>
	<p><b>报告 1-8</b> 职前数学教师的信息技术教学技能提升实证研究——基于交互式电子白板课程实施 强毅<sup>1</sup>; 范良火<sup>2</sup> (1. 九江学院; 2. 华东师范大学)</p>	<p><b>报告 2-2</b> Facilitating Math Teaching through Artificial Intelligence Generated Contents (AIGC) 段凯耀<sup>1</sup> (1. 重庆巴蜀常春藤学校)</p>	<p><b>报告 3-7</b> 项目学习的本土化: 初中数学单元项目学习的开发与实施 李睿思<sup>1</sup>; 蔡春霞<sup>1</sup> (1. 北京师范大学)</p>
15:30-17:00	<p><b>报告 1-9</b> Reconstruction of Mathematics Teacher Identity in Education Reforms in China: A Mixed Method Study 陈冠华<sup>1</sup>; 莫雅慈<sup>1</sup> (1. 香港大学)</p>	<p><b>报告 2-3</b> 利用 Excel 进行高中数学仿真模拟实验: 一种技术与数学教育的融合策略 简焕森<sup>1,2</sup> (1. 华东师范大学; 2. 澳门新华学校)</p>	<p><b>报告 3-8</b> 核心素养视域下数学教材中数学史和数学文化设置研究 刘晓萱<sup>1</sup> (1. 宁波大学)</p>
	<p><b>报告 1-10</b> HPM 课例研究如何影响教师的数学教学观? 孙丹丹<sup>1</sup> (1. 山东师范大学)</p>	<p><b>报告 2-4</b> 使用 PLS-SEM 方法预测中学数学教师的数字化教学行为 汤欣<sup>1</sup>; 袁智强<sup>1</sup>; 邓茜<sup>1</sup>; 向利平<sup>2</sup> (1. 湖南师范大学; 2. 湖南省长沙市岳麓区教师发展中心)</p>	<p><b>报告 3-9</b> 数学教材例习题的整体性——基于浙教版初中教材中“函数”内容的分析 盛昊灿<sup>1</sup>; 张景斌<sup>1</sup> (1. 首都师范大学)</p>
	<p><b>报告 1-11</b> 通过课例研究促进数学师范生和数学教师教育者的专业学习 吴颖康<sup>1</sup> (1. 华东师范大学)</p>	<p><b>报告 2-5</b> 小学数学教师使用人工智能辅助教学意愿的影响因素 赵闻敏<sup>1</sup>; 袁铭谦<sup>1</sup>; 龙沛贤<sup>1</sup>; 何紫晴<sup>1</sup>; 陈昊妹<sup>1</sup>; 梁锦涛<sup>1</sup> (1. 广东第二师范学院)</p>	<p><b>报告 3-10</b> 中国小学数学教材分数和小数内容编写比较研究及对未来教材编写的启示 徐思迪<sup>1</sup>; 史宁中<sup>1</sup> (1. 东北师范大学)</p>
	<p><b>报告 1-12</b> 高中数学教师空间向量学科教学知识(PCK)的评价指标构建 于露露<sup>1</sup>; 张浩羽<sup>1</sup> (1. 南京师范大学)</p>		
17:00-18:00	<p><b>晚餐</b> 地点: 夏雨厅(华岗食堂) 三楼</p>		





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	<p><b>TSG1(2): Mathematics teacher education and professional development</b> Chair: Dr. Dubravka Glasnović Gracin (University of Zagreb, Croatia) Dr. Qiaoping Zhang (The Education University of Hong Kong) <i>Location: Room 409, No. 2 Teaching Building</i></p>	<p><b>TSG2(1): ICT and mathematics education</b> Chair: Prof. Meixia Ding (Temple University, USA) Prof. Mailizar (Universitas Syiah Kuala, Indonesia) <i>Location: Room H401, No. 2 Teaching Building</i></p>	<p><b>TSG3(2): Mathematics curriculum and textbooks</b> Chair: Dr. Marc van Zanten (Netherlands Institute for Curriculum Development SLO/Freudenthal Institute, Utrecht University) Dr. Fangchun Zhu (Shanghai Jianqiao University) <i>Location: Room 406, No. 2 Teaching Building</i></p>
	<p><b>Presentation 1-7</b> <b>Comparing Competency-Oriented Student Activities between Expert and Novice Teachers in China: Insights from an Epistemic Network Analysis (ENA)</b> <u>Haili Liang</u><sup>1</sup>, Jiannan Du<sup>1</sup> (1. Beijing Normal University)</p>	<p><b>Presentation 2-1</b> <b>A Review of the Research on the Functions of Digital Mathematics Textbooks</b> <u>Min Jin</u><sup>1,2</sup> (1. East China Normal University; 2. Nanjing Jianye Teacher Development Center)</p>	<p><b>Presentation 3-6</b> <b>A Systematic Review of Research Study in the Area of Indonesian Mathematics Textbooks</b> <u>Dyana Wijayanti</u><sup>1,2</sup>, Muhammad Taqiyuddin<sup>3</sup> (1. East China Normal University; 2. Universitas Islam Sultan Agung; 3. University of Auckland)</p>
	<p><b>Presentation 1-8</b> <b>An Empirical Study on the Development of Pre-Service Mathematics Teachers' Competency in Using Information and Communication Technology: The Case of Use of Interactive Whiteboard</b> <u>Yi Qiang</u><sup>1</sup>, Lianghuo Fan<sup>2</sup> (1. School of Teacher Education, Jiujiang University; 2. East China Normal University)</p>	<p><b>Presentation 2-2</b> <b>Facilitating Math Teaching through Artificial Intelligence Generated Contents (AIGC)</b> <u>Kaiyao Duan</u><sup>1</sup> (1. Chongqing BI Academy)</p>	<p><b>Presentation 3-7</b> <b>The Localization of Project-based Learning: Design and Implementation of Math Project-based Learning Unit in Junior High School in China</b> Ruisi Li<sup>1</sup>, Chunxia Qi<sup>1</sup> (1. Beijing Normal University)</p>
15:30-17:00	<p><b>Presentation 1-9</b> <b>Reconstruction of Mathematics Teacher Identity in Education Reforms in China: A Mixed Method Study</b> <u>Guanhua Chen</u><sup>1</sup>, Ida Ah Chee Mok<sup>1</sup> (1. The University of Hong Kong)</p>	<p><b>Presentation 2-3</b> <b>Leveraging Excel for High School Mathematics: A Novel Approach to Integrating Technology and Mathematics Education</b> <u>Huansen Jian</u><sup>1,2</sup> (1. East China Normal University; 2. Escola Sun Wah)</p>	<p><b>Presentation 3-8</b> <b>Research on the Setting of Mathematics History and Mathematics Culture in Mathematics Textbooks from the Perspective of Core Literacy</b> <u>Xiaoxuan Liu</u><sup>1</sup> (1. Ningbo University)</p>
	<p><b>Presentation 1-10</b> <b>How does HPM Lesson Study Affect Teachers' Conceptions of Mathematics Teaching?</b> <u>Dandan Sun</u><sup>1</sup> (1. Shandong Normal University)</p>	<p><b>Presentation 2-4</b> <b>Predicting Secondary School Mathematics Teachers' Digital Teaching Behavior Using Partial Least Squares Structural Equation Modeling</b> <u>Xin Tang</u><sup>1</sup>, Zhiqiang Yuan<sup>1</sup>, Xi Deng<sup>1</sup>, Liping Xiang<sup>2</sup> (1. Hunan Normal University; 2. Yuelu District Teacher Development Center)</p>	<p><b>Presentation 3-9</b> <b>Integration of Examples and Exercises in Mathematics Textbooks: Analysis of the Content of "Function" in the Junior High School Textbook Based on the Zhejiang Education Publishing House</b> <u>Haocan Sheng</u><sup>1</sup>, Jingbin Zhang<sup>1</sup> (1. Capital Normal University)</p>
	<p><b>Presentation 1-11</b> <b>Promoting Preservice Mathematics Teachers and Teacher Educator's Professional Learning through Lesson Study</b> <u>Yingkang Wu</u><sup>1</sup> (1. East China Normal University)</p>	<p><b>Presentation 2-5</b> <b>Factors Influencing Elementary Mathematics Teachers' AI Adoption</b> <u>Wenmin Zhao</u><sup>1</sup>, Mingqian Yuan<sup>1</sup>, Peixian Long<sup>1</sup>, Ziqing He<sup>1</sup>, Haomei Chen<sup>1</sup>, Jintao Liang<sup>1</sup> (1. Guangdong University of Education)</p>	<p><b>Presentation 3-10</b> <b>Compilation of Fraction and Decimal Content in Primary School Mathematics Teaching Material: Comparison and Enlightenment</b> <u>Sidi Xu</u><sup>1</sup>, Ningzhong Shi<sup>1</sup> (1. Northeast Normal University)</p>
	<p><b>Presentation 1-12</b> <b>Construction of Evaluation Index of Pedagogical Content Knowledge (PCK) in Spatial Vector of Senior Mathematics Teachers</b> <u>Lulu Yu</u><sup>1</sup>, Haoyu Zhang<sup>1</sup> (1. Nanjing Normal University)</p>		
17:00-18:00	<p><b>Dinner</b> <i>Location: Third floor, Xiayu Canteen</i></p>		



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	<p><b>TSG4(3): 数学课堂教学和评价</b> 主席: 程靖博士 (华东师范大学) 徐伟民教授 (台湾屏东大学) 地点: 二教410</p>	<p><b>TSG4(4): 数学课堂教学和评价</b> 主席: 程靖博士 (华东师范大学) 徐伟民教授 (台湾屏东大学) 地点: 二教414</p>	<p><b>TSG7(2): 其他数学教育相关研究</b> 主席: Ariel Lindorff 博士 (英国牛津大学) 周达博士 (东北师范大学) 地点: 二教420</p>	<p><b>工作坊3</b> 主持人: 李娜博士 (华东师范大学) 地点: 二教431</p>
	<p><b>报告 4-13</b> 运用“否定假设法”培养初中生 问题提出能力的探索研究 赵晓燕<sup>1</sup>; 贾笑笑<sup>1</sup> (1. 南京师范大学)</p>	<p><b>报告 4-19</b> “三新”背景下高中数学问题链 教学的落地研究 ——以教材“双曲线的简单几何 性质”为例 王华<sup>1</sup> (1. 桐乡市教育局教研科研室)</p>	<p><b>报告 7-5</b> 中学折纸数学校本课程开发的实 践与思考 金珉<sup>1,2</sup>; 季鑫<sup>1</sup> (1. 上海市实验学校; 2. 华东师范 大学)</p>	
	<p><b>报告 4-14</b> 指向数学创造力的高中 DoPBL 课程设计与实施——以“函数世 界的达芬奇”为例 李华洋<sup>1</sup> (1. 华东师范大学)</p>	<p><b>报告 4-20</b> STEAM 教育理念下数学拓展 课教学实践探索 赵千惠<sup>1,2</sup>; 张维忠<sup>2</sup> (1. 华东师范大学; 2. 浙江师范 大学)</p>	<p><b>报告 7-6</b> 近十年国际数学焦虑研究综述与 启示——基于 CiteSpace 的可视 化分析 刘燕红<sup>1</sup>; 郑欣<sup>1</sup> (1. 集美大学)</p>	
15:30-17:00	<p><b>报告 4-15</b> 数学学案导学模式的现状和策 略研究 李强<sup>1</sup>; 吕世虎<sup>1</sup> (1. 西北师范大学)</p>	<p><b>报告 4-21</b> 基于 PISA 测试和数学核心素 养评价框架的测评研究 许靖悦<sup>1</sup> (1. 上海师范大学)</p>	<p><b>报告 7-7</b> 高中生数学高阶思维量表的开发 与验证 宁依敏<sup>1</sup>; 徐斌艳<sup>1</sup> (1. 华东师范大学)</p>	<p>“网络画板”赋能 数学教育数字化 ——互联网+动 态数学新型工 具、资源与应用 杨承云<sup>1</sup>; 管皓 <sup>1</sup>; 吴冠男<sup>2</sup> (1. 景中动态数学 研究院; 2. 浙江桐乡濮院 桐星学校) 15:30-17:00</p>
	<p><b>报告 4-16</b> 基于学习路径的数学学习支架 设计特征与表现研究 王艳芝<sup>1</sup> (1. 山东理工大学)</p>	<p><b>报告 4-22</b> 提升初中生数学学习积极情感 的四然教学模型构建与实践 郑瑄<sup>1</sup>; 任俊<sup>2</sup> (1. 宁波市江北区教育局; 2. 浙 江师范大学)</p>		
	<p><b>报告 4-17</b> 中学数学教师对数学建模的感 知 任志鹏<sup>1</sup>; 莫雅慈<sup>1</sup> (1. 香港大学)</p>	<p><b>报告 4-23</b> 基于学习轨迹的数学教学: 理 论基础、概念分析与框架设计 杨雪<sup>1</sup>; 缪佳怡<sup>1</sup>; 张春莉<sup>1</sup> (1. 北京师范大学)</p>	<p><b>报告 7-8</b> Observing Mathematics Teaching; Tools and Tensions Ariel Lindorff<sup>1</sup> (1. 英国牛津大学)</p>	
	<p><b>报告 4-18</b> 初中生代数推理能力的培养 陈书才<sup>1</sup> (1. 安徽师范大学附属萃文中学)</p>	<p><b>报告 4-24</b> 智慧学习体系下的数学教学 郑跃星<sup>1</sup> (1. 上海民办华曜宝山实验学校)</p>		
17:00-18:00	<p><b>晚餐</b> 地点: 夏雨厅 (华闵食堂) 三楼</p>			



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	<p><b>TSG4(3): Mathematics classroom teaching, learning and assessment</b> Chair: Dr. Jing Cheng (East China Normal University) Prof. Weimin Hsu (Pingdong University) Location: Room 410, No. 2 Teaching Building</p>	<p><b>TSG4(4): Mathematics classroom teaching, learning and assessment</b> Chair: Dr. Jing Cheng (East China Normal University) Prof. Weimin Hsu (Pingdong University) Location: Room 414, No. 2 Teaching Building</p>	<p><b>TSG7(2): Other research areas related to mathematics education</b> Chair: Dr. Ariel Lindorff (University of Oxford, UK) Dr. Da Zhou (Northeast Normal University) Location: Room 420, No. 2 Teaching Building</p>	<p><b>Workshop 3</b> Chair: Dr. Na Li (East China Normal University) Location: Room 431, No. 2 Teaching Building</p>
15:30-17:00	<p><b>Presentation 4-13</b> An Explorative Study of Improving the Problem-posing Ability of Junior High School Students by Applying the “What-If-Not” Strategy Xiaoyan Zhao<sup>1</sup>, Xiaoxiao Jia<sup>1</sup> (1. Nanjing Normal University)</p>	<p><b>Presentation 4-19</b> The Research of Question Chain Teaching in High School Mathematics under the Background of the “Three New” Hua Wang<sup>1</sup> (1. Zhejiang Tongxiang Education Bureau)</p>	<p><b>Presentation 7-5</b> Practice and Reflection on the Development of Origami Mathematical Curriculum in Secondary School Min Jin<sup>1,2</sup>, Xing Ji<sup>1</sup> (1. Shanghai Experimental School; 2. East China Normal University)</p>	<p><b>The “NetPad” Empowers the Digitalization of Mathematics Education: New Tools, Resources, and Applications for Internet+Dynamic Mathematics</b> Chenyun Yang<sup>1</sup>, Hao Guan<sup>1</sup>, Guannan Wu<sup>2</sup> (1. Jingzhong Institute of Dynamic Mathematics; 2. Tongxiang Puyuan Tongxing School) 15:30-17:00</p>
	<p><b>Presentation 4-14</b> Instructional Design and Implementation of DoPBL Lessons Aimed at Mathematical Creativity in High School: Taking “Leonardo Da Vinci in the Function World” for Instance Huayang Li<sup>1</sup> (1. East China Normal University)</p>	<p><b>Presentation 4-20</b> Exploration of Mathematics Extension Courses on Teaching Practice under the STEAM Education Concept Qianhui Zhao<sup>1,2</sup>, Weizhong Zhang<sup>2</sup> (1. East China Normal University; 2. Zhejiang Normal University)</p>	<p><b>Presentation 7-6</b> Review and Inspiration of International Math Anxiety Research in Recent Ten Years: A Visual Analysis Based on CiteSpace Yanhong Liu<sup>1</sup>, Xin Zheng<sup>1</sup> (1. Jimei University)</p>	
	<p><b>Presentation 4-15</b> Research on the Current Situation and Strategies of The Mathematical Learning Plan Guidance Model Qiang Li<sup>1</sup>, Shihu Lv<sup>1</sup> (1. Northwest Normal University)</p>	<p><b>Presentation 4-21</b> Assessment Research Based on PISA Test and Mathematics Core Literacy Assessment Framework Jingyue Xu<sup>1</sup> (1. Shanghai Normal University)</p>	<p><b>Presentation 7-7</b> Development and Validation of Mathematical Higher-Order Thinking Scale for High School Students Yimin Ning<sup>1</sup>, Binyan Xu<sup>1</sup> (1. East China Normal University)</p>	
	<p><b>Presentation 4-16</b> Research on the Design Features and Performance of Mathematics Scaffolding Based on Learning Trajectory YanZhi Wang<sup>1</sup> (1. Shandong University of Technology)</p>	<p><b>Presentation 4-22</b> Construction and Practice of the SNAS Teaching Model to Promote the Positive Emotion of Middle School Students in Mathematics Learning Xuan Zheng<sup>1</sup>, Jun Ren<sup>2</sup> (1. Ningbo Jiangbei District Education Bureau; 2. Zhejiang Normal University)</p>		
	<p><b>Presentation 4-17</b> Teacher Perceptions of Mathematical Modelling in Junior High Schools Zhipeng Ren<sup>1</sup>, Ah Chee Ida MOK<sup>1</sup> (1. The University of Hong Kong)</p>	<p><b>Presentation 4-23</b> Mathematics Teaching Based on Learning Trajectory: Theoretical Foundations, Conceptual Analysis, and Framework Design Xue Yang<sup>1</sup>, Jiayi Miu<sup>1</sup>, Chunli Zhang<sup>1</sup> (1. Beijing Normal University)</p>	<p><b>Presentation 7-8</b> Observing Mathematics Teaching; Tools and Tensions Ariel Lindorff<sup>1</sup> (1. University of Oxford)</p>	
	<p><b>Presentation 4-18</b> Developing Algebraic Reasoning Ability for Junior High School Students Shucai Chen<sup>1</sup> (1. Anhui Normal University Affiliated Cuiwen Middle School)</p>	<p><b>Presentation 4-24</b> Mathematics Teaching under the Intelligent Learning System Yuexing Zheng<sup>1</sup> (1. Shanghai Huayao Baoshan Experimental School)</p>		
	<p><b>Presentation 4-19</b> The Research of Question Chain Teaching in High School Mathematics under the Background of the “Three New” Hua Wang<sup>1</sup> (1. Zhejiang Tongxiang Education Bureau)</p>			
17:00-18:00	<p><b>Dinner</b> Location: Third floor, Xiayu Canteen</p>			



<b>11月11日 星期六 11 November Saturday</b>	
8:00-8:30	<b>注册 &amp; 展览 Registration &amp; Exhibition</b> 地点: 学生之家C区 Location: Home of Students (Campus Centre) C
8:30-9:30	<b>大会报告 3 Plenary Lecture 3</b> <b>Reflections on the Mathematics Integrity and Unit Teaching Research</b> <b>数学整体性以及单元教学的研究与思考</b> <b>报告人: 郭玉峰教授 (北京师范大学) Speaker: Prof. Yufeng Guo (Beijing Normal University)</b> <b>主持人: 柳笛副教授 (华东师范大学) Chair: Dr. Di Liu (East China Normal University)</b> 地点: 学生之家C区报告厅 Location: Lecture Hall, Home of Students (Campus Centre) C
9:30-10:30	<b>大会报告 4 Plenary Lecture 4</b> <b>Gender Equity in Chinese Mathematics Education</b> <b>中国数学教育中的性别平等</b> <b>报告人: 朱雁副教授 (华东师范大学) Speaker: Dr. Yan Zhu (East China Normal University)</b> <b>主持人: 鲁小莉副教授 (华东师范大学) Chair: Dr. Xiaoli Lu (East China Normal University)</b> 地点: 学生之家C区报告厅 Location: Lecture Hall, Home of Students (Campus Centre) C
10:30-10:50	<b>休息 &amp; 交流 &amp; 展览 Break &amp; Networking &amp; Exhibition</b> 地点: 学生之家C区 Location: Home of Students (Campus Centre) C
10:50-12:00	<b>大会圆桌讨论 Panel Discussion</b> <b>Theme: Issues and Challenges in Contemporary Mathematics Education Research and Development</b> <b>主题: 当代数学教育研究与发展中的问题与挑战</b> <b>主持人: 范良火教授 (华东师范大学) Moderator: Prof. Lianghuo Fan (East China Normal University)</b> <b>讨论人: Jonei Cerqueira Barbosa 教授 (巴西巴伊亚联邦大学),</b> <b>Martin Dyke 教授 (英国南安普顿大学), Anjum Halai 教授 (巴基斯坦阿迦汗大学),</b> <b>余伟忠教授 (澳大利亚墨尔本大学), Moneoang Leshota 博士 (南非比勒陀利亚大学),</b> <b>梁贯成教授 (香港大学), Trena Wilkerson 教授 (美国贝勒大学)</b> <b>Discussant: Prof. Jonei Cerqueira Barbosa (Federal University of Bahia, Brazil),</b> <b>Prof. Martin Dyke (University of Southampton, UK), Prof. Anjum Halai (Aga Khan University, Pakistan),</b> <b>Prof. Wee Tiong Seah (The University of Melbourne, Australia), Dr. Moneoang Leshota (University of Pretoria, South Africa),</b> <b>Prof. Frederick K. S. Leung (The University of Hong Kong), Prof. Trena Wilkerson (Baylor University, USA)</b> 地点: 学生之家C区报告厅 Location: Lecture Hall, Home of Students (Campus Centre) C
12:00-13:00	<b>午餐 Lunch</b> 地点: 冬日厅一楼 Location: First floor, Dongri Canteen
13:00-14:00	<b>展览 Exhibition</b> 地点: 学生之家C区 Location: Home of Students (Campus Centre) C <b>上海教育出版社新书发布会 New Book Release (13:15-13:45)</b> 地点: 学生之家C区报告厅 Location: Lecture Hall, Home of Students (Campus Centre) C
14:00-15:00	<b>大会报告 5 Plenary Lecture 5</b> <b>Mathematics Reform in England: Lessons, and Challenges, for the Future</b> <b>英国数学改革: 经验教训和未来的挑战</b> <b>报告人: Jeremy Hodgen 教授 (英国伦敦大学学院) Speaker: Prof. Jeremy Hodgen (University College London, UK)</b> <b>报告主持人: 吴颖康副教授 (华东师范大学) Chair: Dr. Yingkang Wu (East China Normal University)</b> 地点: 学生之家C区报告厅 Location: Lecture Hall, Home of Students (Campus Centre) C



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<b>11月11日 星期六 11 November Saturday</b>			
<b>15:30-17:00</b>	<p><b>TSG1(3): 数学教师教育与专业发展</b> 主席: Dubravka Glasnović Gracin 副教授 (克罗地亚萨格勒布大学) 张侨平博士 (香港教育大学) 地点: 二教409</p>	<p><b>TSG2(2): 技术与数学教育的融合</b> 主席: 丁美霞教授 (美国天普大学) Mailizar 教授 (印度尼西亚 Syiah Kuala 大学) 地点: 二教H401</p>	<p><b>TSG3(3): 数学课程改革和教材研究</b> 主席: Marc van Zanten 博士 (荷兰课程开发研究所; 乌特勒支大学弗赖登塔尔研究所) 诸方淳博士 (上海建桥学院) <b>TSG6: 公平与数学教育</b> 主席: 方均斌教授 (温州大学) 左浩德博士 (扬州大学) 地点: 二教406</p>
	<p><b>报告 1-13</b> 数学教师学生导向目标与教师情感的关系:个人成就目标的中介作用 蒋政<sup>1</sup>; 胡凤娟<sup>2</sup> (1. 上海师范大学; 2. 首都师范大学)</p>	<p><b>报告 2-6</b> 使用人工智能解题能否缓解数学焦虑? 一个SOR视角 陈基河<sup>1</sup>; 许延颖<sup>2</sup> (1. 东莞市翰林实验学校; 2. 东莞市新世纪英才学校)</p>	<p><b>报告 3-11</b> 高中数学教师教科书使用水平个案研究——以2019人教A版为例 杨润冰<sup>1</sup> (1. 浙江师范大学)</p>
	<p><b>报告 1-14</b> 数学课堂观察的新视角: 新手教师与经验教师的教师关注比较 张侨平<sup>1</sup>; 王小平<sup>2</sup>; 贡涵戈<sup>3</sup> (1. 香港教育大学; 2. 武汉城市职业学院; 3. 西安欧亚学院)</p>	<p><b>报告 2-7</b> 信息技术在中学几何教学中的融合现状——基于21世纪中国大陆已有研究 徐亚楠<sup>1</sup>; 孙丹丹<sup>1</sup> (1. 山东师范大学)</p>	<p><b>报告 3-12</b> Actualization of Legal Core Goals for Mathematics in the Netherlands Marc van Zanten<sup>1,2</sup> (1. 荷兰课程开发研究所; 2. 乌特勒支大学弗赖登塔尔研究所)</p>
	<p><b>报告 1-15</b> 人工智能视域下中学数学教师数字化转型路径分析 田茂栋<sup>1</sup>; 库在强<sup>1</sup>; 叶蕾<sup>1</sup> (1. 黄冈师范学院)</p>	<p><b>报告 2-8</b> 非洲数学教育中的信息和通信技术: 动因、挑战、举措和启示 朱慧玲<sup>1</sup>; 唐恒钧<sup>1</sup> (1. 浙江师范大学)</p>	<p><b>报告 6-1</b> 学习压力对处境不利学生数学抗逆的影响——性别的调节作用 王嘉瑶<sup>1</sup>; 付钰<sup>2</sup>; 慕春霞<sup>1</sup> (1. 北京师范大学; 2. 南京信息工程大学)</p>
	<p><b>报告 1-16</b> 在跨文化实践共同体中数学教师教育者设计能力中的反思能力的发展 黄兴丰<sup>1</sup>; 黄荣金<sup>2</sup>; 丁莉萍<sup>3</sup> (1. 上海师范大学; 2. 中田纳西州立大学; 3. 挪威科技大学)</p>	<p><b>报告 2-9</b> 基于网络画板的农村数学教学实践探索 吴冠男<sup>1</sup>; 唐恒钧<sup>1</sup> (1. 浙江师范大学)</p>	<p><b>报告 6-2</b> 社交媒体作为促进中国大陆本科少数民族学生教学认同的催化剂——一项路径分析研究 左浩德<sup>1</sup>; 刘志伟<sup>1</sup> (1. 扬州大学)</p>
	<p><b>报告 1-17</b> 基于“教师与资源”视角的数学教师教学设计能力发展 朱佳雯<sup>1</sup>; 黄兴丰<sup>1</sup> (1. 上海师范大学)</p>		
	<p><b>17:00-18:00</b></p>	<p><b>晚餐</b> 地点: 夏雨厅(华岗食堂)三楼</p>	
<p><b>18:00-21:00</b></p>	<p><b>数学话剧</b> 开普勒先生如是说 地点: 华东师大紫竹教育园区音乐厅(紫凤路350号)</p>		



<b>11月11日 星期六 11 November Saturday</b>			
<b>15:30-17:00</b>	<b>TSG1(3): Mathematics teacher education and professional development</b> Chair: Dr. Dubravka Glasnović Gracin (University of Zagreb, Croatia) Dr. Qiaoping Zhang (The Education University of Hong Kong) <i>Location: Room 409, No. 2 Teaching Building</i>	<b>TSG2(2): ICT and mathematics education</b> Chair: Prof. Meixia Ding (Temple University, USA) Prof. Mailizar (Universitas Syiah Kuala, Indonesia) <i>Location: Room H401, No. 2 Teaching Building</i>	<b>TSG3(3): Mathematics curriculum and textbooks</b> Chair: Dr. Marc van Zanten (Netherlands Institute for Curriculum Development SLO/Freudenthal Institute, Utrecht University) Dr. Fangchun Zhu (Shanghai Jianqiao University) <b>TSG6: Equity in mathematics education</b> Chair: Prof. Junbin Fang (Wenzhou University) Dr. Haode Zuo (Yangzhou University) <i>Location: Room 406, No. 2 Teaching Building</i>
	<b>Presentation 1-13</b> <b>Linking Mathematics Teachers' Student-Oriented Goals to Their Teaching Emotions: The Mediation of Personal Achievement Goals</b> <u>Zheng Jiang</u> <sup>1</sup> , Fengjuan Hu <sup>2</sup> (1. Shanghai Normal University; 2. Capital Normal University)	<b>Presentation 2-6</b> <b>Can Using AI to Solve Problems Alleviate Math Anxiety? Research Based on SOR Perspective</b> <u>Jihe Chen</u> <sup>1</sup> , Yanying Xu <sup>2</sup> (1. Dongguan Hanlin Experimental School; 2. Dongguan New Century School)	<b>Presentation 3-11</b> <b>A Case Study of High School Mathematics Teachers' Usage of Textbooks: Take 2019 People's Education Press Version as an Example</b> <u>Runbing Yang</u> <sup>1</sup> (1. Zhejiang Normal University)
	<b>Presentation 1-14</b> <b>A New Perspective on Mathematics Classroom Observation: A Comparative Study of Novice and Experienced Teachers' Noticing</b> <u>Qiaoping Zhang</u> <sup>1</sup> , Xiaoping Wang <sup>2</sup> , Hange Yun <sup>3</sup> (1. The Education University of Hong Kong; 2. Wuhan City Polytechnic; 3. Xi'an Eurasia University)	<b>Presentation 2-7</b> <b>The Integration of Information Technology in Middle School Geometry Teaching</b> <u>Yanan Xu</u> <sup>1</sup> , Dandan Sun <sup>1</sup> (1. Shandong Normal University)	<b>Presentation 3-12</b> <b>Actualization of Legal Core Goals for Mathematics in the Netherlands</b> <u>Marc van Zanten</u> <sup>1,2</sup> (1. Netherlands Institute for Curriculum Development SLO; 2. Freudenthal Institute, Utrecht University)
	<b>Presentation 1-15</b> <b>Analysis of Digital Transformation Paths for Secondary School Mathematics Teachers in the Perspective of Artificial Intelligence</b> <u>Maodong Tian</u> <sup>1</sup> , Zaiqiang Ku <sup>1</sup> , Lei Ye <sup>1</sup> (1. Huanggang Normal University)	<b>Presentation 2-8</b> <b>Information and Communication Technology in Mathematics Education in Africa: Motivations, Challenges, Initiatives and Implications</b> <u>Huilin Zhu</u> <sup>1</sup> , Hengjun Tang <sup>1</sup> (1. Zhejiang Normal University)	<b>Presentation 6-1</b> <b>The Impact of Learning Pressure on Disadvantaged Students' Mathematical Resilience: The Regulatory Role of Gender</b> <u>Jiayao Wang</u> <sup>1</sup> , Yu Fu <sup>2</sup> , Chunxia Qi <sup>1</sup> (1. Beijing Normal University; 2. Nanjing University of Information Science and Technology)
	<b>Presentation 1-16</b> <b>Reflections in Design Capacity of Mathematics Teacher Educators in a Cross-Cultural Practice of Community</b> <u>Xingfeng Huang</u> <sup>1</sup> , Rongjin Huang <sup>2</sup> , Liping Ding <sup>3</sup> (1. Shanghai Normal University; 2. Middle TN State University; 3. Norwegian University of Science and Technology)	<b>Presentation 2-9</b> <b>Exploration of Rural Mathematics Teaching Practice Based on Netpad</b> <u>Guannan Wu</u> <sup>1</sup> , Hengjun Tang <sup>1</sup> (1. Zhejiang Normal University)	<b>Presentation 6-2</b> <b>Social Media as a Catalyst for Fostering Mathematical Identity among Undergraduate Ethnic Minority Students in China: A Path Analysis</b> <u>Haode Zuo</u> <sup>1</sup> , Zhiwei Liu <sup>1</sup> (1. Yangzhou University)
	<b>Presentation 1-17</b> <b>Developing the Pedagogical Design Capacity of Mathematics Teachers from the Perspective of "Teacher-Resource"</b> <u>Jiawen Zhu</u> <sup>1</sup> , Xingfeng Huang <sup>1</sup> (1. Shanghai Normal University)		
	<b>17:00-18:00</b>	<b>Dinner</b> <i>Location: Third floor, Xiayu Canteen</i>	
<b>18:00-21:00</b>	<b>Mathematical Drama</b> <b>The Starry Sky of Pythagoras</b> <i>Location: Concert Hall, East China Normal University Zizhu Education Park (350 Zifeng Road)</i>		



11月11日 星期六 11 November Saturday

	<p><b>TSG4(5): 数学课堂教学和评价</b> 主席: 程靖博士 (华东师范大学) 徐伟民教授 (台湾屏东大学) 地点: 二教410</p>	<p><b>TSG4(6): 数学课堂教学和评价</b> 主席: 程靖博士 (华东师范大学) 徐伟民教授 (台湾屏东大学) 地点: 二教414</p>	<p><b>TSG5(2): 比较和国际数学教育</b> 主席: Dyana Wijayanti 博士 (华东师范大学) 赵晓燕博士 (南京师范大学) 地点: 二教418</p>	<p><b>工作坊 2(2)</b> 主持人: 徐章韬教授 (华中师范大学) 地点: 二教431</p>
15:30-17:00	<p><b>报告 4-25</b> 六年级学生“图形的测量”知识结构特征的研究——以概念图为评估工具 王艳玲<sup>1</sup>; 闫锦涛<sup>2</sup>; 冯小爽<sup>1</sup> (1. 东北师范大学; 2. 江苏省无锡市连元街小学)</p>	<p><b>报告 4-30</b> 指向数学推理论证能力培养的教学模式对中学生数学推理能力的影响 郑欣<sup>1</sup> (1. 集美大学)</p>	<p><b>报告 5-6</b> 国际视野下的数学教师情绪研究——基于44项核心研究的范围综述 韩粟<sup>1</sup>; 姜浩哲<sup>2</sup>; 雷沛瑶<sup>3</sup>; 孔雯晴<sup>1</sup> (1. 华东师范大学; 2. 浙江大学; 3. 成都市教育科学研究院)</p>	<p><b>卡西欧计算器助力数学教与学</b> 齐敏<sup>1</sup> (1. 原浦东教育发展研究院) 15:30-16:15</p>
	<p><b>报告 4-26</b> 指向核心素养的数学课堂问题情境设计 王智宇<sup>1,2</sup>; 张维忠<sup>2</sup> (1. 浙江省台州市路桥中学; 2. 浙江师范大学)</p>	<p><b>报告 4-31</b> 在非正式学习空间一起“玩”数学项目 金珉<sup>1,2</sup>; 季鑫<sup>1</sup> (1. 上海市实验学校; 2. 华东师范大学)</p>	<p><b>报告 5-7</b> US and Chinese Elementary Teachers' Noticing of Cross-Cultural Mathematics Videos Meixia Ding<sup>1</sup>; Xiaobao Li<sup>2</sup>; Monica L. Manfredonia<sup>3</sup>; Wenda Luo<sup>4</sup> (1. 美国天普大学; 2. 美国威得恩大学; 3. 美国哥伦比亚大学; 4. 上海光启书院)</p>	
	<p><b>报告 4-27</b> 探索听牌魔术在高中数学建模教学中的潜力: 一种创新的教学设计 简焕森<sup>1,2</sup> (1. 华东师范大学; 2. 澳门新华学校)</p>	<p><b>报告 4-32</b> 小学数学素养评价量表的编制——以几何直观能力评价量表为例 唐黎明<sup>1</sup> (1. 深圳小学)</p>	<p><b>报告 5-8</b> The Relationship between Reading Literacy and Mathematics Performance: Insights from Multilevel Modeling Analysis of PISA Data Xiangxiang Chen<sup>1</sup>; 莫雅慈<sup>2</sup> (1. 新加坡国际学校(香港); 2. 香港大学)</p>	
	<p><b>报告 4-28</b> 关于加强初中数学尺规作图教学的思考 邢成云<sup>1</sup> (1. 山东省滨州市教育科学研究院)</p>	<p><b>报告 4-33</b> 一个新的效度验证框架: 基于数学核心素养的测评工具研发 周达<sup>1</sup> (1. 东北师范大学)</p>	<p><b>报告 5-9</b> 中英在线教学视频数学任务认知需求的比较研究 张运吉<sup>1</sup>; 黄兴丰<sup>1</sup> (1. 上海师范大学)</p>	
	<p><b>报告 4-29</b> 国小数学教学中的问题类型、教师提问和数学言谈 徐伟民<sup>1</sup> (1. 台湾屏东大学)</p>	<p><b>报告 4-34</b> 问题类型、教师反馈对高中数学课堂跨学科问题解决的影响 张棣彬<sup>1</sup>; 蒋政<sup>1</sup>; 钱梦凡<sup>1</sup> (1. 上海师范大学)</p>	<p><b>报告 5-10</b> 跨文化背景下学生学习“图形运动”的挑战——一项基于坦桑尼亚4课时作业单学生完成情况的研究 林徐励<sup>1,2</sup> (1. 上海市进才实验中学; 2. 华东师范大学)</p>	
17:00-18:00	<p><b>晚餐</b> 地点: 夏雨厅(华闵食堂)三楼</p>			
18:00-21:00	<p><b>数学话剧</b> 开普勒先生如是说 地点: 华东师大紫竹教育园区音乐厅(紫凤路350号)</p>			



11月11日 星期六 11 November Saturday

	<p><b>TSG4(5): Mathematics classroom teaching, learning and assessment</b> Chair: Dr. Jing Cheng (East China Normal University) Prof. Weimin Hsu (Pingdong University) <i>Location: Room 410, No. 2 Teaching Building</i></p>	<p><b>TSG4(6): Mathematics classroom teaching, learning and assessment</b> Chair: Dr. Jing Cheng (East China Normal University) Prof. Weimin Hsu (Pingdong University) <i>Location: Room 414, No. 2 Teaching Building</i></p>	<p><b>TSG5(2): Equity in mathematics education</b> Chair: Dr. Dyana Wijayanti (East China Normal University) Dr. Xiaoyan Zhao (Nanjing Normal University) <i>Location: Room 418, No. 2 Teaching Building</i></p>	<p><b>Workshop 2(2)</b> Chair: Prof. Zhangtao Xu (Central China Normal University) <i>Location: Room 431, No. 2 Teaching Building</i></p>
15:30-17:00	<p><b>Presentation 4-25</b> <b>The Characteristics of the Knowledge Structure of Year 6 Students on "Measurement of Graphs": Using Concept Map as an Evaluation Tool</b> <u>Yanling Wang</u><sup>1</sup>, Jintao Yan<sup>2</sup>, Xiaoshuang Feng<sup>1</sup> (1. Northeast Normal University; 2. Lianyuan Street Primary School in Wuxi, Jiangsu Province)</p>	<p><b>Presentation 4-30</b> <b>The Effect of Teaching Mode Focusing on the Cultivation Of Mathematical Reasoning on Middle School Students' Mathematical Reasoning Competency</b> <u>Xin Zheng</u><sup>1</sup> (1. Jimei University)</p>	<p><b>Presentation 5-6</b> <b>Research on Emotions of Mathematics Teachers from an International Perspective: Theoretical Basis, Research Design and Research Results: A Scoping Review of Forty-four Empirical Researches</b> <u>Su Han</u><sup>1</sup>, Haozhe Jiang<sup>2</sup>, Peiyao Lei<sup>3</sup>, Wenqing Kong<sup>1</sup> (1. East China Normal University; 2. Zhejiang University; 3. Chengdu Education Research Institute)</p>	<p><b>The Active Role of Casio Calculators in Mathematics Teaching and Learning</b> <u>Min Qi</u><sup>1</sup> (1. Shanghai Pudong Institute of Education Department (Retired from here)) <i>15:30-16:15</i></p>
	<p><b>Presentation 4-26</b> <b>Design of Mathematics Classroom Problem Context Focusing on Core Competencies</b> <u>Zhiyu Wang</u><sup>1,2</sup>, Weizhong Zhang<sup>1</sup> (1. Taizhou Luqiao Middle School; 2. Zhejiang Normal University)</p>	<p><b>Presentation 4-31</b> <b>Playing Math Projects Together in Informal Learning Spaces</b> <u>Min Jin</u><sup>1,2</sup>, Xing Ji<sup>1</sup> (1. Shanghai Experimental School; 2. East China Normal University)</p>	<p><b>Presentation 5-7</b> <b>US and Chinese Elementary Teachers' Noticing of Cross-Cultural Mathematics Videos</b> <u>Meixia Ding</u><sup>1</sup>, Xiaobao Li<sup>2</sup>, Monica L. Manfredonia<sup>3</sup>, Wenda Luo<sup>4</sup> (1. Temple University; 2. Widener University; 3. Columbia University; 4. Shanghai Quangqi Academy)</p>	
	<p><b>Presentation 4-27</b> <b>Exploring the Effectiveness of Listening Card Trick in Enhancing Mathematical Modelling Competencies of Grade 11 Students: An Innovative Teaching Design and Implementation</b> <u>Huansen Jian</u><sup>1,2</sup> (1. East China Normal University; 2. Escola Sun Wah)</p>	<p><b>Presentation 4-32</b> <b>Drafting an Elementary Mathematics Literacy Evaluation Instrument: Taking the Evaluation Scale of Geometric Intuition Ability as an Example</b> <u>Liming Tang</u><sup>1</sup> (1. Shenzhen Primary School)</p>	<p><b>Presentation 5-8</b> <b>The Relationship between Reading Literacy and Mathematics Performance: Insights from Multilevel Modeling Analysis of PISA Data</b> <u>Xiangxiang Chen</u><sup>1</sup>, Ida Ah Chee Mok<sup>2</sup> (1. Singapore International School (Hong Kong); 2. The University of Hong Kong)</p>	
	<p><b>Presentation 4-28</b> <b>Reflections on Strengthening the Teaching of Ruler-and-compass construction in Junior High School Mathematics</b> <u>Chengyun Xing</u><sup>1</sup> (1. The Institute of Education Sciences of Binzhou)</p>	<p><b>Presentation 4-33</b> <b>A New Validation Framework of Developing Assessment Instruments Based on Mathematical Core Competencies</b> <u>Da Zhou</u><sup>1</sup> (1. Northeast Normal University)</p>	<p><b>Presentation 5-9</b> <b>A Comparative Study of Cognitive Demands of Mathematical Tasks in Online-Video Lessons Between China and England</b> <u>Yunji Zhang</u><sup>1</sup>, Xingfeng Huang<sup>1</sup> (1. Shanghai Normal University)</p>	
	<p><b>Presentation 4-29</b> <b>The Types of Mathematics Problems, Teachers' Questioning, and Mathematical Discourses</b> <u>Wei-Min Hsu</u><sup>1</sup> (1. Pingtung University)</p>	<p><b>Presentation 4-34</b> <b>The Effect of Problems and Feedback on Interdisciplinary Problem-Solving in High School Mathematics Classrooms</b> <u>Yanbin Zhang</u><sup>1</sup>, Zheng Jiang<sup>1</sup>, Mengfan Qian<sup>1</sup> (1. Shanghai Normal University)</p>	<p><b>Presentation 5-10</b> <b>Challenges of Learning Transformation of Figures in a Cross-Cultural Context: A Study Based on Students' Performance of 4-lesson Worksheets in Tanzania</b> <u>Xumai Lin</u><sup>1,2</sup> (1. East China Normal University; 2. Shanghai Jincai Experimental Middle School)</p>	
17:00-18:00	<p><b>Dinner</b> <i>Location: Third floor, Xiayu Canteen</i></p>			
18:00-21:00	<p><b>Mathematical Drama</b> <b>The Starry Sky of Pythagoras</b> <i>Location: Concert Hall, East China Normal University Zizhu Education Park (350 Zifeng Road)</i></p>			





11月12日 星期日 12 November Sunday	
8:00-8:30	<p><b>注册 &amp; 展览 Registration &amp; Exhibition</b></p> <p>地点: 学生之家C区 Location: Home of Students (Campus Centre) C</p>
08:30-09:30	<p><b>大会报告 6 Plenary Lecture 6</b></p> <p><b>Mathematics Education: Recent Work in Connecting Research and Classroom Practice Related to the Teaching and Learning of Mathematics in the United States</b></p> <p><b>数学教育: 联系美国数学教学研究与课堂实践的最新工作</b></p> <p>报告人: Trena Wilkerson 教授 (美国贝勒大学) Speaker: Prof. Trena Wilkerson (Baylor University, USA)</p> <p>报告主持人: 李淑惠博士 (华东师范大学) Chair: Dr. Shuhui Li (East China Normal University)</p> <p>地点: 学生之家C区报告厅 Location: Lecture Hall, Home of Students (Campus Centre) C</p>
09:30-10:00	<p><b>休息 &amp; 交流 &amp; 展览 Break &amp; Networking &amp; Exhibition</b></p> <p>地点: 学生之家C区 Location: Home of Students (Campus Centre) C</p>
10:00-11:00	<p><b>大会报告 7 Plenary Lecture 7</b></p> <p><b>What Mathematics Should Mathematics Teachers Know?</b></p> <p><b>数学教师应该了解什么数学?</b></p> <p>报告人: 梁贯成教授 (香港大学) Speaker: Prof. Frederick K. S. Leung (The University of Hong Kong)</p> <p>主持人: 徐斌艳教授 (华东师范大学) Chair: Prof. Binyan Xu (East China Normal University)</p> <p>地点: 学生之家C区报告厅 Location: Lecture Hall, Home of Students (Campus Centre) C</p>
11:00-11:30	<p><b>闭幕式 Closing Ceremony</b></p> <p>领导、专家致辞</p> <p>主持人: 张风华 (华东师范大学) Chair: Ms. Fenghua Zhang (East China Normal University)</p> <p>地点: 学生之家C区报告厅 Location: Lecture Hall, Home of Students (Campus Centre) C</p>
11:30-12:30	<p><b>午餐 Lunch</b></p> <p>地点: 夏雨厅 (华闵食堂) 三楼 Location: Third floor, Xiayu Canteen</p>