

MATHEMATICS EDUCATION AND TEACHER PROFESSIONAL DEVELOPMENT SYSTEM IN JIANGSU PROVINCE

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Short description of the DG: organizers, aims and underlying ideas

Type a short description of the organizers, aims and underlying ideas characterising your DG activity here.

In Jiangsu Province, which has been considered as one of the provinces with highest educational development in China, a system at various administrative levels for facilitating professional development of mathematics teachers has been established. By means of setting expert mathematics teacher studio, supporting People Educators in mathematics education, strengthening the cooperation between researchers and in-service mathematics teachers etc., a great progress has been made in mathematics education at primary and secondary level in terms of mathematics teachers' capability of doing research.

In this discussion group, it will be shared with examples how these supporting systems helps to supporting mathematics teachers' professional development. More specific, various activities done in each of the three manners mentioned above will be given, with the aim of characterizing the advantages and challenges in such supporting system. Another aim of this discussion group is to gather more ideas for further improving such system in order to better help mathematics teachers' professional development.

The Organizing Committee consists of six members. Dr. Lianhua Ning is a professor of mathematics education at Nanjing Normal University. He is also the secretary general of Mathematics Education Committee of Jiangsu. Prof. Ping Yu works also at Nanjing Normal University. His research interests mainly lie in mathematical educational psychology. Jingya Zhao is the director of School of Mathematical Sciences at Nanjing Normal University. Dr. Xiaoyan Zhao is a lecturer of School of Teacher Education at Nanjing Normal University. Prof. Shanliang Li works in the Institute of Teaching in Primary and Secondary Education in Jiangsu Province. He is one of the editors of the SuJiaoban Mathematics Textbook of Senior High School. Dr. JiuHong Wang is the headmaster of Tianzheng Primary School in Nanjing, who has 35-year teaching experience and is one of the special-grade senior teachers Jiangsu. Guangming Wei is also a special-grade senior mathematics teacher, who is the director of Experimental Primary School Affiliated with Jinling High School. His research interest is the instruction of the starting-point core mathematics knowledge in primary education.

Last names of the organizers

Planned structure (21:30 – 23:00, July 14):

Planned timeline	Planned activity	Working format /Responsible person
21:30-21:40	Introductory Comments (Organizing the group discussion through the key questions)	Whole group discussion (Ping Yu / Xiaoyan Zhao)
21:40-22:00	System of and Strategies for Supporting Mathematics Teachers' Professional Development in Jiangsu Province	Presentation given by Lianhua Ning , Jingya Zhao and Shanliang Li
22:00-22:25	Suitable for Development: Purport of Mathematics Teaching Wisdom under the Condition of Large Class Size	Presentation given by JiuHong Wang
22:25-22:45	Expert Mathematics Teacher Studios Driven by Research-based Teacher Professional Development Programme	Presentation given by Guangming Wei
22:45-23:00	Closing comments –Summarize the presentations and discussions, and identify follow-up questions to investigate	Whole group discussion (Organizing Committee)