

MATHEMATICS CLASSROOM TEACHING RESEARCH FRO ALL STUDENTS DISCUSSION GROUP

Steklács János, steklacs@gmail.com, Kecskemet College, Hungary
Zhonghe Wu, zwu@nu.edu, National University, USA

Short description of the Discussion Group: aims and underlying ideas

The CTRAS Discussion Group demonstrates classroom teaching research for all students (CTRAS), through scientific research studies that also are applicable and make sense for classroom teachers. This Discussion Group will be structured by starting with a dialogue on the framework of classroom teaching research followed by discussions of each study by scholars and classroom teachers. The new research questions and action plans will be developed from the sessions of the CTRAS Discussion Group, and various working groups will be formed based on the different areas of focus in classroom teaching research.

Planned structure:

Tuesday, 16.30-18.00: Planned timeline	Topic	Working format / presenter
16:30-16:45	Classroom Teaching Research Framework and Effectiveness of Mathematics Classroom Teaching Zhonghe Wu, zwu@nu.edu , National University, USA	Working format
16:45-17:00	Classroom Teaching, Learning Process Observation by Eye Tracking Technology and Other Biometrical Tools Steklács János, steklacs@gmail.com , Kecskemet College, Hungary	presenter
17:00-17:15	Classroom Teaching Research in China Yiming Cao, caoym@bnu.edu.cn , Beijing Normal University, China	presenter
17:15-17:30	Teaching Geometry to Struggling Students Dunia Zeineddine, dunia.zeineddine@gmail.com , Long Beach Unified District, USA	presenter
17:30-17:45	The Theory of Variation and Classroom Teaching Research Xue Han, xhan@dom.edu , Dominican University, USA	presenter
17:45-18:00	Discussion on Classroom Teaching Research Framework	Working format

Friday, 16.30-18.00: Planned timeline	Topic	Working format / presenter

Last names of the organisers

16:30-16:50	The Expert Secondary Mathematics Teachers' Verbal Presentation Features: A Case Study in Shanghai-China Jing Cheng, jcheng@math.ecnu.edu.cn , East China Normal University, China	
16:50-17:10	Video Enhanced Student Reports: Allowing Students to Use their Own Technology to Deepen Motivation in Mathematics Annette Siemssen & Annabell Sahr amsiemssen@miners.utep.edu , asahr@miners.utep.edu University of Texas at El Paso, USA	presenter
17:10-17:30	Using MSAR Approach in Math classroom Teaching Shuhua An, shuhua.an@csulb.edu , California State University, Long Beach, USA Jin Chen, chenjin@zisu.edu.cn , Zhejiang International Studies University, China	Presenter & Working format
17:30 -17:50	Teaching Math with Modern Technology Lisa, Lee, llee@coastline.edu , Coastline College, USA	presenter
17:50-18:00	Discussion on New Research Questions, Action Plans, and Working Groups	Working format