

Axis 3 - The professions

Working group 1 - chaired by Thomas Hausberger and Gaetan Planchon

Analysis of a research and teacher training device SRP-TT/ATD: constitution of teaching knowledge for teaching plane analytical geometry of points and lines.

Rita Lobo Freitas and Saddo Ag Almouloud

The epistemological dimension of the didactic research problem of lesson study practices. *García, F.J., Lendínez, E.M.*

Bridging the double discontinuity in mathematics teacher training: Studying linear algebra through inquiry into professional questions.

Ryoto Hakamata

Besoins praxéologiques et PER : le cas des frises. *Clément Durringer*

Working group 2 – chaired by Avenilde Romo

What hinders the teaching of statistics in secondary classrooms? Facing preservice teachers with school constraints.

Janielly Verbisck, Berta Barquero, Marilena Bittar and Marianna Bosch

Study and Research Path for Teacher Education: Perspectives and Challenges. *Edelweis Jose Tavares Barbosa, Marilena Bittar*

Japanese culture of 'research' in mathematics education: another research paradigm? *Takeshi Miyakawa and Yusuke Shinno*

Study and research path for students with cognitive disabilities: uncovering assumed conditions and constraints.

Natalya Maksym'yak and Noemí Ruiz-Munzón

Working group 3 – chaired by Caroline Ladage

Reflecting on a researcher's path towards a theoretical result on a typology of errors: research praxeologies in the field.

Karine Fouchet-Isambard and Nathan Lombard

Problematizing noospherians through the notion of profession: With the help of examples from the Japanese teaching profession.

Koji Otaki

A framework to approach teachers' observational activities in lesson study: Theoretical proposal for the Didactic Observation System.

Tatsuya Mizoguchi, Akiko Tomosada, Yusuke Shinno, Toru Hayata, Marianna Bosch and Berta Barquero

Study of the ATD as a theoretical frame of reference for research in professional training. *Caroline Ladage*

Posters

AI-based Web platform for supporting teaching by study and research paths.

Ana Corica, Verónica Parra, Iñaki Paladino Bravo, Silvia Schiaffino, Alejandro Zunino,
Daniela Godoy

Training chemistry teachers in Brazil: analyses based on the pedagogy of questioning the world during lockdown.

José Vieira do Nascimento Júnior, Edmo Fernades Carvalho