

Axis 2: Society and the curriculum problem: enquiring and questioning the world

Session 1 (morning)

Working group 1 – chaired by Yves Matheron and Avenilde Romo Vázquez

Analysis of a Study and Research Path for researcher education: an example of Master's courses in Multilingual Mathematics Education.

Avenilde Romo Vázquez, Caroline Poisard and Ivonne Sandoval

Characterization of strong praxeologies of modelling.

Yana Lacek and Marina De Simone

Teacher support in inquiry: through a case study of mathematics seminar for prospective teachers.

Toshihiko Ogawa and Takeshi Miyakawa

Inquiring into existing models in teacher education: Epistemological and didactic needs emerging from two study and research paths.

Heidi Strømskag, Berta Barquero, Marianna Bosch and Susana Vásquez

Working group 2 - chaired by Nathan Lombard and Susana Vásquez

Is the Megalodon still alive? Analysis of an interdisciplinary study and research path. Susana Vásquez and Guillem Orlandi-Oliveras

A Co-Disciplinary Study and Research Path for Teaching Mathematics and Microeconomics at University.

Clara Messano and Viviana Carolina Llanos

SRPs in Biomedical Engineering programme: an analysis of methodological invariants. *Lídia Serrano and Catarina Lucas*

Vigilancia de una galería de arte: un recorrido de estudio e investigación en secundaria. *Agustín Octavio Raschetti and Verónica Parra*

Working group 3 (Axis 1) – chaired by Annie Bessot and Carl Winslow

A praxeological analysis of preservice mathematics teachers' instructional design: The marginality of the logos block.

Heidi Strømskag and Ismael Cabero

Inquiring into existing models in teacher education: Epistemological and didactic needs emerging from two study and research paths.

Heidi Strømskag, Berta Barquero, Marianna Bosch and Susana Vásquez

Observations on students' use of ATD notions in bachelor's theses. *Reinhard Hochmuth and Jana Peters*

The introduction of the Modern Mathematics movement in teacher training in Spain: a paradigm shift in the learning of geometry.

Sergio Colmena and Encarnacion Sanchez-Jiménez

Session 2 (afternoon)

Working group 1 - chaired by Yves Matheron and Avenilde Romo Vázquez

Study and research inquiry: a case study in the positions of trainee teacher, future teacher and current teacher.

Maria Rita Otero and Maria Paz Gazzola

Pre-service teachers' adaptations of an inquiry process.

Ismael Cabero, Marianna Bosch and Ana Isabel Roig

Working in the paradigm of questioning the world—conditions and constraints in Danish initial mathematics teacher education.

Kasper Højbjerg and Camilla Hellsten Østergaard

Working group 2 - chaired by Nathan Lombard and Susana Vásquez

What is hidden inside the bottle? Praxeological analysis of a study and research path about statistical inference.

Susana Vásquez, Oscar Moreno, Berta Barquero and Marianna Bosch

Analysing the problematization process in a collaborative inter-grade study and research path in statistics.

Maria-Josep Freixanet, Montserrat Alsina Aubach and Marianna Bosch

Cumulative inquiries through successive implementations of a study and research path in statistics at the university.

Laura Fernandez Ruano, Kristina Markulin, Noemí Ruiz-Munzón and Janielly Verbisck

Working group 3 - chaired by Michèle Artaud and Marianna Bosch

Ecological analysis of an inter-university study and research path for teacher education. *Ismael Cabero and Marianna Bosch*

The ecology of questioning the world. The teacher's position relationship as a condition and constraint.

Michèle Artaud

What should teachers do in SRP?: Framework from the view point of dialectics and case study.

Hiroaki Hamanaka and Masayoshi Yoshikawa

An Artificial Intelligence (AI) approach for assisting teachers with the implementation of study and research paths.

Verónica Parra, Ana Corica, Silvia Schiaffino, Daniela Godoy, Berta Barquero, Marianna Bosch and Marc Comas

Posters

What can a nano SRP do as an inclusive experience in early years teachers' education? *Camila Silva, Marilena Bittar*

Using the anthropological theory of the didactic as a framework for an inquiry into teaching critical thinking at university

Adrien Popovitch, Caroline Ladage

External didactic transposition of data science and modelling in upper secondary mathematics education

Britta Eyrich Jessen, Metine Rahbek Tarp, Louise Meier Carlsen