

Tues 13 th of July 19.30 – 21.00	Fri 16 th of July 21.30 – 23.00	Sat 17 th of July 14.30 – 16.30
<p>Short presentations</p> <p>Gregorio: Mathematical learning disabilities in algebra</p> <p>Baldin: The pedagogical journey from arithmetic to algebraic reasoning in a professional development project through the theme of fractions</p>	<p>Short presentations</p> <p>Passaro, Polotskaia, & Javaherpour: Cognitive routes of algebraic thinking in pre-school and elementary school: Literature review</p> <p>Doris Jeannotte & Hassane Squalli: Highlighting the potential for developing early algebraic thinking: A praxeological framework of reference</p> <p>Ahmad Hadhighi, Nassim Asghary Enhancing Elementary Teachers' Functional Thinking</p> <p>Poster presentations</p> <p>Yoshiki Nisawa</p> <p>Adam Ross Scharfenberger</p>	<p>Short presentations</p> <p>Mestre: The relation between the evolution of generalization and the development of relational thinking and functional thinking: a study with grade 4 students</p> <p>Guerrero: Arithmetic problems with natural numbers in a multi-grade primary school</p> <p>Sun: Investigating early algebraic thinking in primary school: An empirical study from China</p> <p>Gervasoni & Roche: Multiplication and division problems as a context for developing young children's algebraic thinking</p>
<p>Long presentations</p> <p>Strachota, Morton, Torres, Stephens, Sung, Gardiner, Blanton, Stroud, Knuth: Generalizing about odd and even numbers</p> <p>Trgalova, Alturkmani, & Roubin: Toward a common view of algebraic thinking through design of resources by primary and secondary teachers</p>	<p>Long presentations</p> <p>Jeongsuk Pang, Jin Sunwoo (Invited presentation): Development and Implementation of the Unit of Pattern and Correspondence to Foster Functional Thinking</p>	<p>Long presentations</p> <p>Miller & Hunter: Young students noticing and generalising growing pattern tasks</p> <p>Day, Stephens, & Horne: Designing an evidence-based learning progression for algebraic reasoning</p> <p>Pearn: Fraction tasks which identify algebraic reasoning</p>