

## Sunday, 17.08

10:00 – 16:00	Registration			
16:00 – 16:30	Open ceremony			
16:30 – 17:00	Coffee break			
17:00 – 18:00	Working seminars			
	<b>3-6</b> , leader Edyta Gruszczyk–Kolczyńska, room I	<b>7-9</b> , leader Milan Hejny, room II	<b>10-12</b> , leader Bernd Worlling, room III	<b>13-16</b> , leaders P.Appelbaum, L.Spijkerboer, aula
19:00	Reception			

## Monday, 18.08

9:00 – 10:30	<b>Plenary lecture:</b> Milan Hejny, <i>Scheme oriented educational strategy in mathemaic</i> (chairperson J.Back), aula.			
10:30– 11:00	Coffee break			
11:00 – 12:30	Working seminars			
	<b>3-6</b> , leader Edyta Gruszczyk–Kolczyńska, room I	<b>7-9</b> , leader Milan Hejny, room II	<b>10-12</b> , leader Bernd Worlling, room III	<b>13-16</b> , leaders P.Appelbaum, L.Spijkerboer, aula
12:30 – 13:00	Lunch			
13:00 - 14:30	Time for individual meetings			
14:30 – 16:00	Research reports			
	<b>Session A</b> (chairperson D. Jirotkova), aula How to reveal geometrical independent thinking in the lower primary years - <i>P. Vighi, C.Marchini,, E.Swoboda</i> Activities in the preparation for and establishment of the concept of length and perimeter – <i>M Tarcsi</i> Building the concept of line symmetry – <i>E.Jagoda</i>	<b>Session B</b> (chairperson M.Trenkler) room I Developing creative mathematical activities during lessons of mathematics – <i>B. Maj</i> Connections – as a fundamental element to constructing mathematical knowledge.– <i>M Pytlak</i> Development of abstract thinking in mathematics in computer environment <i>I. Grzegorzcyk</i>	<b>Session C</b> (chairperson M.Pijls) room II Discussing on the fairness of probabilistic games: the creation of a discursive community with kindergarten children – <i>K. Tatsis, S.Kafoussi, C Skoumpourdi</i> Expression of quantity - language of children 5-7 years old – <i>M. Kaslová</i> Teaching computer-assisted mathematics to primary students– <i>R. Koziet</i>	

16:00 – 16:30	Coffee break		
16:30-18:00	Workshops		
	Aula Thinking to the future: prospective teachers encouraging children's mathematical thinking. Example of a workshop, <i>A. Cockburn, R. Manning</i>	Room I Mathematics through investigations and problem solving <i>Silva Kmetič</i>	Room II Problems of formation learning environment <i>T. Oleinik, N. Ivashenko, A. Prokopenko</i>
18:00-18:30	Dinner		
19:00	Excursion through Iwonicz Zdrój		

## Tuesday, 19.08

9:00 – 10:30	<b>Plenary Lecture:</b> Zbigniew Semadeni, <i>Factors hampering independent mathematical thinking</i> (chairperson A.Ambrus), aula			
10:30 – 10:45	Coffee break			
10:45 – 12:15	Working seminars			
	<b>3-6</b> , leader Edyta Gruszczyk–Kolczyńska, room I	<b>7-9</b> , leader Milan Hejny, room II	<b>10-12</b> , leader Bernd Worlling, room III	<b>13-16</b> , leaders P.Appelbaum, L.Spijkerboer, aula
12:15 – 12:45	Lunch			
13:00 – 18:30	Excursion			
18:30	Dinner			

## Wednesday, 20.08

9:00 – 10:30	<b>Plenary Lecture:</b> João Pedro Da Ponte, <i>Investigating mathematics: A challenge for students, teachers, and mathematics education researchers</i> (chairperson C, Marchini), aula			
10:30–11:00	Coffee break			
11:00 – 12:30	Working seminars			
	<b>3-6</b> , leader Edyta Gruszczyk–Kolczyńska, room I	<b>7-9</b> , leader Milan Hejny, room II	<b>10-12</b> , leader Bernd Worlling, room III	<b>13-16</b> , leaders P.Appelbaum, L.Spijkerboer, aula
12:30 – 13:00	Lunch			

13:00 - 14:00	Time for individual meetings		
14:00 – 15:30	Research reports		
	<b>Session A</b> (chairperson M.Ticha) aula Change: what change? Considering whether a national initiative has had an impact on the quality of classroom talk in primary mathematics <i>Jenni Back And Tony Beauchamp</i> Teaching practices revealed through arithmetic misconceptions <i>Carlo Marchini, Anne Cockburn</i> Magic topics in children education <i>M. Trenkler</i>	<b>Session B</b> (chairperson J.Guncaga), room I Procedural and paving way of building-up of geometrical object in concepts and strategies of primary school pupils <i>Jiří Vaníček</i> Developing problem solving strategies via estimating the area of irregular shapes <i>Ioannis Papadopoulos</i> Geometrical transformations and the concept of cyclic ordering <i>Eszter Herendiné-Kónya</i>	<b>Session C</b> (chairperson N.Stehlikova), room II Analysing interaction processes with Jigsaw during Mathematics Lessons in Elementary School <i>Birgit Brandt, Konstantinos Tatsis</i> The differences in mathematical thinking of children in the in-school and out-of-school situations <i>Daria Muzyczka</i> The pupils' interpretation of mathematical writings <i>Filip Roubíček</i>
15:30 – 16:00	Coffee break		
16:00-17:30	Workshops		
	Aula Developing the teaching of mathematics: looking at Continuing Professional Development (CPD) initiatives <i>J. Back</i>	Room I Designing mathematics walks <i>Lambrecht Spijkerboer</i>	Room II Developing teachers' subject didactic competence: case of problem posing. <i>Marie Tichá</i>
17:30-18:00	Dinner		
18:00	Campfire in castle ruin		

### Thursday, 21.08

9:00 – 10:30	<b>Plenary Lecture:</b> Peter Appelbaum, <i>Sense and representation in elementary mathematics</i> (chairperson T.Oleinik), aula			
10:30 – 11:00	Coffee break			
11:00 – 12:30	Working seminars			
	<b>3-6</b> , leader Edyta Gruszczyk–Kolczyńska, room I	<b>7-9</b> , leader Milan Hejny, room II	<b>10-12</b> , leader Bernd Worlling, room III	<b>13-16</b> , leaders P.Appelbaum, L.Spijkerboer, aula

12:30 – 13:00	Lunch		
13:00 – 14:30	Time for individual meetings		
14:30 – 16:00	Research reports		Workshop
	<b>Session A</b> (chairperson K.Tatsis), aula Perceptions of numbers of from 5 to 6 aged children <i>G.Pavlovičová, V. Vaskova</i> Focusing on children's early ideas of fractions <i>Emá Mamede</i> Primary school pupils' misconceptions in number <i>G. Littler, D.Jirotková</i>	<b>Session B</b> (chairperson A. Cockburn), room I Approaches to solving processes of one fuzzy problem by primary school children <i>I. Kovárová</i> Preparing of pupils for notion of limits <i>J. Gunčaga</i> Various manipulation functions in solving geometrical tasks <i>E. Swoboda, J. Synoś, D. Pluta</i>	<b>Session C</b> (school in Iwonicz – Zdrój) Promoting thinking through a modern approach for problem solving <i>Ronit Hoffmann, Ronith Klein</i>
16:00 – 16:30	Coffee break		
16:30 – 18:00	<b>Poster sesion</b> aula		<b>Workshop</b> Students discussing their mathematical ideas: group-tests and mind-maps <i>M. Pijls, D. De Kramer</i> Room I
19:30	Conference dinner		

## Friday, 22.08

9:00 – 10:00	Working seminars			
	<b>3-6</b> , leader Edyta Gruszczyk–Kolczyńska, room I	<b>7-9</b> , leader Milan Hejny, room II	<b>10-12</b> , leader Bernd Worlling, room III	<b>13-16</b> , leaders P.Appelbaum, L.Spijkerboer, aula
10:00 – 10:30	Coffee break			
10:30 – 11:30	Working seminars			
	<b>3-6</b> , leader Edyta Gruszczyk–Kolczyńska, room I	<b>7-9</b> , leader Milan Hejny, room II	<b>10-12</b> , leader Bernd Worlling, room III	<b>13-16</b> , leaders P.Appelbaum, L.Spijkerboer, aula
11:30 – 12:30	Closing ceremony			
12:30	Lunch			