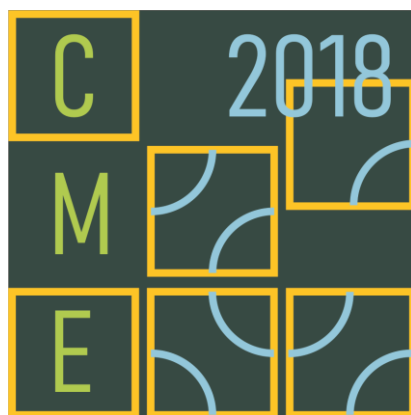


CME 2018

Contemporary Mathematics Education



Mathematics in the Real World

CONFERENCE PROGRAM



UNIWERSYTET
WARSZAWSKI



WARSAW, POLAND

11 - 14 JULY 2018

Date/Hour	Wednesday 11.07	Thursday 12.07	Friday 13.07	Saturday 14.07	
8.00 - 8.30		Late registration			
8.30 - 9.00	Registration	Plenary Z. Marciniak	Plenary F. Kalavasis		
9.00 - 9.30					Plenary C. Knipping
9.30 - 10.00				Presentation	
10.00 - 10.30	Opening ceremony	Working Seminar 2	Working Seminar 3	Coffee	
10.30 - 11.00	Plenary M. Niss				
11.00 - 11.30	Coffee	Posters & Coffee	Coffee	Working Seminar 4	
11.30 - 12.00			Research Reports		
12.00 - 12.30	Working Seminar 1	Research Reports	Lunch	Research Reports	
12.30 - 13.00					
13.00 - 13.30	Lunch	Lunch	Excursion	Lunch	
13.30 - 14.00					
14.00 - 14.30	Research Reports	Workshops			Reports from Working Seminars
14.30 - 15.00	Coffee	Coffee			Closing Ceremony
15.00 - 15.30	Workshops	Workshops			
15.30 - 16.00					
16.00 - 16.30					
16.30 - 17.00	Welcome Party				
17.00 - 17.30					
17.30 - 18.00					
18.30-20.30					
From 20.00		Conference Dinner			

The CME'18 conference will take place in Warsaw, at the building of the Faculty of Mathematics, Informatics, and Mechanics of University of Warsaw (<https://www.mimuw.edu.pl/en>).

Faculty Address:

Banacha 2

02 097 Warsaw, Poland.

Phone 0048 22 55 44 214 (Secretary, from 9.00 to 15.00)

<https://www.mimuw.edu.pl/en/location>

DETAILED CONFERENCE PROGRAM

Wednesday, 11.07

8:30 – 10:00	Registration				
10:00 – 10:30	Opening ceremony Room 3180 (2 nd floor)				
10:30 – 11:30	Plenary lecture: Mogens Niss How can we use mathematics education research to uncover, understand and counteract mathematics specific learning difficulties? (chairperson: Zbigniew Marciniak) Room 3180 (2 nd floor)				
11:30 – 12:00	Coffee Walkway at the 3 rd floor (next to the rooms 4050/4060)				
12:00 – 13:30	Working seminars				
	Room 4050 3-6, leader: Chrysanthi Skoumpourdi	Room 4060 7-9, leader: Jan de Lange	Room 5050 10-12, leader: Ineta Helmane	Room 5060 13-15, leader: Zoltán Kovács	Room 5070 16-18, leader: Lambrecht Spijkerboer
13:30 – 14:30	Lunch Faculty canteen (Buffet “Kubuś”), 3 rd floor				
14:30 – 16:00	Research reports				
	Session A (chairperson: Paola Vighi) Room 4050 Malgorzata Mart Old and new methodologies for factoring quadratic equations Ema Mamede Young children can learn to reason and to name fractions Florbela Soutinho, Ema Mamede Using young children’s real world to solve multiplicative reasoning problems		Session B (chairperson: Ewa Swoboda) Room 4060 Konstantinos Tatsis, Bożena Maj-Tatsis How do students consider realistic contexts in mathematical problems? – A case study Edyta Juskowiak Readiness of primary school students to solve mathematical tasks requiring the use of formal operations (part of research) Andreas Moutsios-Rentzos, Maria-Aikaterini Korda “Is this an acceptable mathematical proof?” A systemic investigation of high school students’ proof beliefs and evaluations		
16:00 – 16:30	Coffee Walkway at the 3 rd floor				

16:30 – 18:00	Workshops	
	Room 4050 Liora Nutov, Atara Shriki When a whole dimension breaks down	Room 4060 Ivona Grzegorzczuk Interactive activities fostering generalizations and creativity
18:30 – 20:30	Welcome party Pub “Lolek”, Pola Mokotowskie, Rokitnicka 20 (walking distance, approximately 10 minutes)	

Thursday, 12.07

8:30 – 9:30	Plenary lecture: Zbigniew Marciniak Winds of change in math education. (chairperson: Edyta Juskowiak) Room 3180 (2 nd floor)				
9:30– 11:00	Working seminars				
	Room 4050 3-6, leader: Chrysanthi Skoumpourdi	Room 4060 7-9, leader: Jan de Lange	Room 5050 10-12, leader: Ineta Helmane	Room 5060 13-15, leader: Zoltán Kovács	Room 5070 16-18, leader: Lambrecht Spijkerboer
11:00 – 12:00	Poster Session & Coffee Walkway at the 3 rd floor				
12:00 – 13:30	Research reports				
	Session A (chairperson: Marcin Karpiński) Room 4050 Mirosława Sajka Using music to learn mathematics Vasileia Pinnika, Andreas Moutsios-Rentzos, Fragkiskos Kalavasis A systemic approach to the image for mathematics: The case of special education Eva Nováková The Crown of the Himalayas			Session B (chairperson: Eszter Konya) Room 4060 Liora Nutov Is dimension a size, a surface or a space? Pre-service teachers’ perceptions of the concept Ruti Segal, Tikva Ovadiya Pre-service teachers’ knowledge about shifting between function representations Bakhytkul R. Kaskatayeva, Aigul U. Dauletkulova The activity approach as the main means of training future teachers of mathematics	
13:30– 14:30	Lunch Faculty canteen (Buffet “Kubuś”), 3 rd floor				

14:30 – 16:00	Workshops	
	Room 4050 Atara Shriki, Ilana Lavy Integrating vedic mathematics rules into the mathematics lessons	Room 4060 Agata Hoffman From “today” to “tomorrow” via “yesterday”
16:00 – 16:30	Coffee Walkway at the 3 rd floor	
16:30 – 18:00	Workshops	
	Room 4050 Nitsa Movshoviz-Hadar, Atara Shriki, Ruti Segal, Varda Zigerson, Boaz Silverman, Karni Shir Closing the gap between school mathematics and contemporary mathematics: Introducing students to Mathematics-News-Snapshots	Room 4060 Ewa Swoboda, Krystyna Sawicka How mathematics slowly emerges from activities in children’s natural environment
From 20:00	Conference Dinner Restaurant Navona, Bitwy Warszawskiej 1920 r., 19	

Friday, 13.07

8:30 – 9:30	Plenary lecture: Fragkiskos Kalavasis Mathematics and the real world in a systemic perspective of the school. (chairperson: Konstantinos Tatsis) Room 3180 (2 nd floor)				
9:30 – 11:00	Working seminars				
	Room 4050 3-6, leader: Chrysanthi Skoumpourdi	Room 4060 7-9, leader: Jan de Lange	Room 5050 10-12, leader: Ineta Helmane	Room 5060 13-15, leader: Zoltán Kovács	Room 5070 16-18, leader: Lambrecht Spijkerboer
11:00 – 11:30	Coffee Walkway at the 3 rd floor				
11:30 – 12:30	Research Reports				
	Session A (chairperson: Andreas Moutsios-Rentzos) Room 4050 Veronika Tůmová, Radka Havlíčková Does the currency name matter? Chrysanthi Skoumpourdi Non-standard and standard units and tools for early linear measurement		Session B (chairperson: Mirosława Sajka) Room 4060 Magdalena Adamczak Selected aspects of working in groups while solving a certain task in a foreign language Ivona Grzegorzcyk Generalizing algebraic models through interactive learning activities		

12:30 – 13:20	Lunch Faculty canteen (Buffet “Kubuś”), 3 rd floor
13:20	Excursion to Wilanow Palace and its gardens Departure as a whole group by bus, return individually (by city bus, the tickets will be provided)

Saturday, 14.07

9:00 – 10:00	<p>Plenary lecture: Christine Knipping Understanding optimisation as a principle. (chairperson: Lambrecht Spijkerboer) Room 3180 (2nd floor)</p>				
10:00 – 10:30	<p>Presentation: Michał Stajszczyk Super Farmer. The first board game using twelve-sided dice Room 3180 (2nd floor)</p>				
10:30 – 11:00	<p>Coffee Walkway at the 3rd floor</p>				
11:00 – 12:30	Working seminars				
	Room 4050 3-6 , leader: Chrysanthi Skoumpourdi	Room 4060 7-9 , leader: Jan de Lange	Room 5050 10-12 , leader: Ineta Helmane	Room 5060 13-15 , leader: Zoltán Kovács	Room 5070 16-18 , leader: Lambrecht Spijkerboer
12:30 – 14:00	<p>Research reports</p> <p>Session A (chairperson: Eva Novakova) Room 4050</p> <p>Marta Pytlak Does school education enhance the development of creativity?</p> <p>Eszter Kónya, Zoltán Kovács Let’s explore the solution: Look for a pattern!</p> <p>Katarína Žilková, Janka Kopáčová Recognition of basic shapes by 4th graders</p>				
14:00 – 15:00	<p>Lunch Faculty canteen (Buffet “Kubuś”), 3rd floor</p>				
15:00 – 16:30	<p>Reports from Working Seminars Room 3180 (2nd floor)</p>				
16:30 – 17:00	<p>Closing ceremony Room 3180 (2nd floor)</p>				