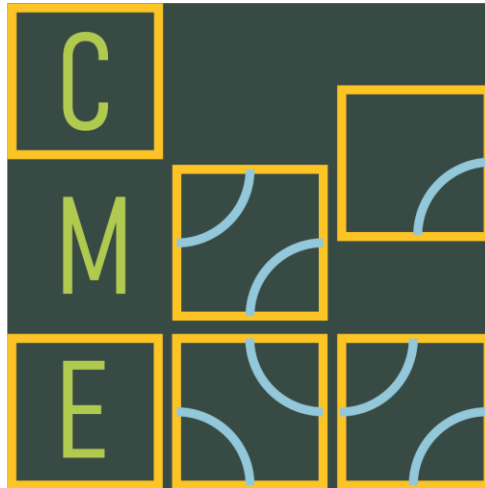


CME 2024

Contemporary Mathematics Education



Educational Resources in the Mathematics Classroom

CONFERENCE PROGRAM



**PATRONAT
HONOROWY**



PREZYDENT MIASTA LUBLIN
KRZYSZTOF ŻUK

LUBLIN, POLAND

24 - 27 JUNE 2024

CME'24 General timetable

Date/Hour	Monday 24.06	Tuesday 25.06	Wednesday 26.06	Thursday 27.06
9.00 - 9.30	Registration	Late registration	Plenary Skoumpourdi	
9.30 - 10.00		Plenary Walter		Working Seminars 4
10.00 - 10.30	Opening ceremony		Posters & Coffee	
10.30 - 11.00	Plenary Sajka	Coffee		
11.00 - 11.30				Coffee
11.30 - 12.00	Coffee	Working Seminars 2	Working Seminars 3	Workshops
12.00 - 12.30	Working Seminars 1			
12.30 - 13.00			Research Reports	Research Reports
13.00 - 13.30				Lunch
13.30 - 14.00	Lunch	Lunch	Lunch	
14.00 - 14.30				
14.30 - 15.00				Working Seminars Reports
15.00 - 15.30	Research Reports	Guided City Walk & Castle	Research Reports	Closing Ceremony
15.30 - 16.00			Research Reports	
16.00 - 16.30	Coffee		Coffee	
16.30 - 17.00	Workshops			Workshops
17.00 - 17.30				
17.30 - 18.00				
18.00 - 18.30				
18.30 - 19.00				
19.00 - 23.00	Welcoming event		Conference dinner	

The CME'24 conference will take place in Lublin,
at the Institute of Mathematics in the Faculty of Mathematics, Physics and
Computer Science of the University of Maria Curie Skłodowska:
ul. Radziszewskiego 10
20-031 Lublin, Poland

Conference secretariat: Room A-332

DETAILED CONFERENCE PROGRAM

Monday, 24.06

9:00 – 10:00	Registration		
10:00 – 10:30	Opening ceremony Auditorium 105		
10:30 – 11:30	<p>Plenary lecture: Mirosława Sajka Educational resources in mathematics – the interplay between research and school practice (chairperson: Bozena Maj-Tatsis) Auditorium 105 (Institute of Informatics)</p>		
11:30 – 12:00	Coffee Hall		
12:00 – 13:30	Working seminars 1		
	Room A-242 (Institute of Mathematics) WS 3-9 , leader: Eva Nováková & Paola Vighi	A-243 (Institute of Mathematics) WS 10-13 , leader: Ingrid Semanišínová	A-244 (Institute of Mathematics) WS 14-18 , leader: Lambrecht Spijkerboer
13:30 – 15:00	Lunch <i>Restaurant Bazylia</i>		
15:00 – 16:00	Research reports		
	<p>Session A (chairperson: Ewa Swoboda) Room 217 (Institute of Informatics) Konstantinos Tatsis, Bozena Maj-Tatsis Texts as resources for posing open-ended problems Eva Nováková, Paola Vighi Non-standard problems as resource to verify multiplication understanding in primary school</p>	<p>Session B (chairperson: Ineta Helmane) Room 111 (Institute of Informatics) Linda Devi Fitriana, Zoltán Kovács, Christiyanti Aprinastuti Hands-on activity as a classroom resource in the preservice primary school teachers' lessons in Hungary and Indonesia Vida Manfreda Kolar How to deal with misconceptions - Can mathematical dialogue be helpful?</p>	
16:00 – 16:30	Coffee Hall		

16:30 – 18:00	Workshops	
	Room A-242 (Institute of Mathematics) Marta Czyrkiewicz Project based learning and Math & Art projects in the math classroom	A-243 (Institute of Mathematics) Lambrecht Spijkerboer, Kalina Kijewska Smart starters, clever closures
19:00 – 21:00	Welcoming Event <i>Restaurant Mojo</i> Radziszewskiego 8, Lublin (next to the conference place)	

Tuesday, 25.06

9:00 – 9:30	Late registration		
9:30 – 10:30	Plenary lecture: Daniel Walter Potentials of digital educational resources in the mathematics classroom – didactical considerations and empirical findings (chairperson: Christof Schreiber) Auditorium 105 (Institute of Informatics)		
10:30 – 11:00	Coffee Hall		
11:00– 12:30	Working seminars 2		
	Room A-242 (Institute of Mathematics) WS 3-9, leader: Eva Nováková & Paola Vighi	A-243 (Institute of Mathematics) WS 10-13, leader: Ingrid Semanišínová	A-244 (Institute of Mathematics) WS 14-18, leader: Lambrecht Spijkerboer
12:30 – 13:30	Research reports		
	Session A (chairperson: Zoltan Kovacs) Room 217 (Institute of Informatics) Vlasta Moravcová Mathematics textbooks as a possible cause of students' misconceptions in planimetry Panagiota Kaskaouti, Andreas Moutsios-Rentzos Similarity in Greek mathematics textbook series	Session B (chairperson: Eszter Konya) Room 111 (Institute of Informatics) Ewa Swoboda, Marta Pytlak Early childhood teachers' understanding of a plane rotation task Tatjana Hodnik Mathematical literacy: the concept and analysis of students' performance in primary school	

13:30– 15:00	Lunch <i>Restaurant Bazylia</i>
15:00 – 19:00	Guided City Walk* & Castle

* At 15:15 meeting with the guides at Plac Litewski. For more details see the “Practical information” at the website.

Wednesday, 26.06

9:00 – 10:00	Plenary lecture: Chrysanthi Skoumpourdi The pathways of ‘additional’ educational materials up to the mathematics classrooms (chairperson: Konstantinos Tatsis) Auditorium 105 (Institute of Informatics)		
10:00– 11:00	Posters & coffee Hall		
11:00– 12:30	Working seminars 3		
	Room A-242 (Institute of Mathematics) WS 3-9, leader: Eva Nováková & Paola Vighi	A-243 (Institute of Mathematics) WS 10-13, leader: Ingrid Semanišínová	A-244 (Institute of Mathematics) WS 14-18, leader: Lambrecht Spijkerboer
12:30 – 13:30	Research reports		
	Session A (chairperson: Andreas Moutsios-Rentzos) Room 217 (Institute of Informatics) Gergely Kardos, Eszter Kónya Students’ concept image of function in connection with learning kinematics Qendresa Morina The development of the simple strategy for solving mathematical word problems	Session B (chairperson: Edyta Juskowiak) Room 111 (Institute of Informatics) Eliza Jackowska-Boryc, Abimbola Akintounde, Katarzyna Charytanowicz A comparative analysis of mathematics students’ performance on paper-pencil vs online assessments Marlene Kafui Amusuglo, Antonín Jančařík Impact of APLUSIX on algebra performance among pre-service teachers in Colleges of Education in Ghana	
13:30– 15:00	Lunch <i>Restaurant Bazylia</i>		

15:00 – 16:00	Research reports	
	<p style="text-align: center;">Session A (chairperson: Tatjana Hodnik)</p> <p style="text-align: center;">Room 217 (Institute of Informatics)</p> <p>Edyta Juskowiak The role of new technologies in shaping various ways of solving an unusual mathematical task</p> <p>Abimbola Akintounde Attitudes towards graphing calculators and the self-efficacy of mathematics students</p>	<p style="text-align: center;">Session B (chairperson: Antonín Jančařík)</p> <p style="text-align: center;">Room 111 (Institute of Informatics)</p> <p>Ivona Grzegorzcyk, Eric Bravo Precise mathematical language and learning of quantifiers</p> <p>Anna Kuřík Sukniak Customized learning paths: Navigating combinatorics for diverse learners</p>
16:00 – 16:30	Coffee Hall	
16:30 – 18:00	Workshops	
	<p style="text-align: center;">Room A-242 (Institute of Mathematics)</p> <p>Christof Schreiber, Hannah Barth, Emilia Lanzerath Audio resources for learning mathematics</p>	<p style="text-align: center;">A-243 (Institute of Mathematics)</p> <p>Magdalena Skrzypiec Roll the best score in math</p>
20:00 – 23:00	<p style="text-align: center;">Gala Dinner <i>Restaurant Sielsko Anielsko</i> Rynek 17, Stare Miasto, Lublin</p>	

Thursday, 27.06

9:30 – 11:00	Working seminars 4		
	Room A-242 (Institute of Mathematics) WS 3-9 , leader: Eva Nováková & Paola Vighi	A-243 (Institute of Mathematics) WS 10-13 , leader: Ingrid Semanišínová	A-244 (Institute of Mathematics) WS 14-18 , leader: Lambrecht Spijkerboer
11:00 – 11:30	Coffee Hall		
11:30 – 13:00	Workshops		
	Room A-242 (Institute of Mathematics) Antonín Jančařík, Janka Medová Combinatorics as an educational challenge	A-243 (Institute of Mathematics) Eliza Jackowska-Boryc Applications of graphic display calculator in solving real-life mathematical problems	
13:00 – 14:30	Lunch & coffee <i>Restaurant Bazylia</i>		
14:30 – 15:30	Reports from Working Seminars Auditorium 105 (Institute of Informatics)		
15:30 – 16:00	Closing ceremony Auditorium 105 (Institute of Informatics)		

Additional Information

Lunches at *the Restaurant Bazylia*
Plac Marii Curie-Skłodowskiej 4A, Lublin