

ICHME-8 Schedule | 16–20 September 2024

Monday	Tuesday	Wednesday	Thursday	Friday
8:30–9:30 Registration	Session 2: Pedagogical Movements and Reforms Chairing the session: Kristín BJARNADÓTTIR, Peter ULLRICH	Session 3: Teaching of Mathematics Fields Chairing the session: Bjørn SMESTAD	Session 4: Teaching Mathematics in Cultural and National Context Chairing the session: Frédéric MÉTIN, Antonio M. OLLER-MARCÉN	Session 5: Methods of Teaching Chairing the session: Karolina KARPIŃSKA
	9:00–9:50 Ysette WEISS Geometry of motions in the context of New Math	9:00–9:50 Peter ULLRICH About the time when calculus was banned in Prussian “Gymnasia”	9:00–9:50 Ezzaim LAABID Mathematics and the language of instruction in Morocco: alternating between French and Arabic over the last 60 years	9:00–9:50 Susanne SPIES Diesterweg’s concept of visualization and its implementation in his <i>Praktisches Rechenbuch</i>
9:30–10:00 Opening	9:50–10:20 Wendy GOEMANS The introduction of number sets in Modern Mathematics	9:50–10:20 Hannes JUNKER Geometry against Euclid: The echo of Naturphilosophie in German mathematics	9:50–10:20 Kristín BJARNADÓTTIR Bessastadir Learned School as a secondary school in nineteenth-century Europe	9:50–10:20 Davide CRIPPA Wolff’s elements of mathematics as a key to his mathematical pedagogy
10:00–10:50 Opening Lecture Gert SCHUBRING The evolution of the structural elements of mathematics teacher training – Controversies about the case of Brazil	10:20–10:50 Tanja HAMANN New Math at primary schools in West Germany	10:20–10:50 Henning HELLER The teaching of Galois theory: Lessons from its first hundred years	10:20–10:50 Wiesław WÓJCIK The development of higher education in Ukrainian lands in the 19 th and early 20 th centuries	10:20–10:50 Katharina WOLF, Janina SCHOLTZ, Cindy KLINK, Swetlana NORDHEIMER Learning from Viktor Fleri about mathematical signs and teaching deaf children
10:50–11:10 Coffee break				
Session 1: Actors and Contributors in Mathematics Education Chairing the session: Gert SCHUBRING, Alexander KARP	11:10–12:00 Sian ZELBO Public debate and the ascent and decline of the American “New Math” reform movement (1960 to 1980)	11:10–12:00 Karolina KARPIŃSKA Geometric constructions in secondary schools in Prussian Poland	11:10–12:00 Ciarán MAC AN BHAIRD Exploring links between 18 th -century French mathematical texts and the teaching of mathematics in 19 th -century Ireland	11:10–11:40 Helena DURNOVÁ Using history of mathematics education in teacher training
11:10–12:00 Alexander KARP A fighter for red integrals (On L.A. Leifert)				
12:00–12:30 Snezana LAWRENCE Djuro Kurepa – Mathematics for a new world: roles of mathematics and mathematicians in the post WW2 world	12:00–12:30 Jan KOTŮLEK Reforms of mathematics education in Czechoslovakia after WW2	12:00–12:30 Alexandra Sofia RODRIGUES Teaching geometry in the preparatory cycle of technical education in Portugal (1947–1967)	12:00–12:30 Stela SEGEV <i>Sefer Over la Sober</i> – A commercial arithmetic book in Hebrew printed in Venice at the beginning of the 17 th century	11:40–12:10 Discussion/Closing
12:30–13:00 Bert ZWANEVELD, Dirk DE BOCK Pierre van Hiele: From mathematics teacher and textbook author to developer of the level theory of mathematical thinking	12:30–13:00 Dionisis BALTZIS Inter-Balkan connections: International cooperation among mathematicians and education reform in Greece during the 1930s	12:30–13:00 Toni REIMERS Genesis of applied mathematics: Mathematization of mine surveying by reflecting early modern scholar treatises	12:30–13:00 Antonio M. OLLER-MARCÉN Exploring the presence of mathematics in the Spanish weekly magazine “Alrededor del mundo” (1899–1930)	12:40–14:00 Lunch
13:30–15:00 Lunch				
15:00–15:50 Elena GIL CLEMENTE Merging geometry and arithmetic: Margarita Comas’s pedagogy of mathematics for children and its international sources in the early twentieth century	15:00–15:50 Katja KRÜGER The dawn of mathematics education for girls at the <i>Höhere Mädchenschule</i> in Prussia in the early 20 th century	Excursion – afternoon with Fryderyk Chopin (Warsaw Old Town in the footsteps of Chopin, Chopin Museum, piano recital)	15:00–15:50 Ana MILLÁN GASCA Not so sacred as grammar: the ideas behind Jean Macé’s <i>Granpa arithmetic</i> (1862) through the letters to his publisher Hetzel	
15:50–16:20 Rosilda DOS SANTOS MORAIS, Guilherme COSTA DE MENDONÇA D’Ambrosio, from mathematician to mathematics educator – letters as the primary research sources	15:50–16:20 Andreas CHRISTIANSEN The development of school mathematics in Norway in the 19 th century		15:50–16:20 Isabella FASCITIELLO, Ana MILLÁN GASCA »In search of a fourth, unknown companion«. The concept of ratio and the role of geometry in Maria Montessori’s proposals for the renewing of preschool and primary school mathematics in <i>Psychoarithmetic</i> (1934)	
16:20–16:40 Coffee break			16:20–16:40 Coffee break	
16:40–17:30 Frédéric MÉTIN Charles Méray’s <i>Fusion</i> on the field	16:40–17:30 Dirk DE BOCK The Belgian Subcommission of the International Commission on Mathematical Instruction			
17:30–18:00 Yana SHVARTSBERG Mathematics educator in a girls-only school: Attempt at a portrait	17:30–18:30 Poster Session			
18:30 Dinner	19:00 Dinner	18:30 Dinner	19:00 Gala Dinner	