

**PROGRAM**

**FRIDAY, May 28**

9.00 - 9.30 **OPENING**

**Morning Session**

9.30-10.15	<b>Plenary lecture</b> Vida Manfreda Kolar <i>An analysis of students' misconceptions as a method of improving the teaching and learning of mathematics through better comprehension: The case of fractions</i>
10.15-10.35	Tatjana Hodnik, Janez Krek <i>Beyond dichotomies in mathematics teaching</i>
10.35-10.55	Attila Bölcskei <i>Spatial geometry in University entrance examinations in Hungary 1980-85 vs. 2015-2020</i>
10.55-11.15	Jelena Pleština, Željka Milin Šipuš <i>The transition of the concept of a polynomial through undergraduate mathematics courses</i>
11.15-11.45	Break

11.45-12.05	Maja Cindrić, Lucija Karega <i>Fluency of mental computation of a prospective teachers</i>
12.05-12.25	Dubravka Glasnović Gracin, Ana Kuzle <i>Designated geometry curriculum in Croatian primary education: A critical view</i>
12.25-12.45	Željka Milin Šipuš, Matija Bašić, Eva Špalj, Renata Vlahović Kruc <i>Is it mathematics? Available modelling skills of prospective mathematics teachers</i>
12.45-13.05	Željka Zorić <i>What do mathematics teachers believe about professional development, educational research, and teaching?</i>
13.05-13.25	Kerstin Bräuning, Lena Hertel <i>Potential of children math lesson for investigating peer interactions</i>
13.25-14.30	Break

**Afternoon Session**

14.30-14.50	Goran Trupčević, Anđa Valent <i>„Multiplication table, at last!“ - Teaching of multiplication in Croatia</i>
14.50-15.10	Jasmina Milinković <i>“Concurrent” method of teaching multiplication and division</i>
15.10-15.30	Azra Stašćik, Anita Čorak <i>Open vs. closed tasks in mathematics</i>
15.30-15.50	Marija Gelešić, Ana Katalenić <i>Number representation in textbooks for primary mathematics education in Croatia</i>
15.50-16.10	Edith Debrenti <i>Visualization in the teaching and learning of mathematics</i>
16.10-16.40	Break

16.40-17.00	Vanja Čotić Poturić, Ivan Dražić <i>Does online learning make a difference in students' grades?</i>
17.00-17.20	Josipa Matotek <i>Attitudes towards online learning among students of Faculty of Civil Engineering and Architecture Osijek</i>
17.20-17.40	Slavica Brkić, Ljiljanka Kvesić, Marina Zubac <i>The role of mathematics in the successful acquisition of teaching material in physics</i>
17.40-18.00	Saša Duka <i>Transformation of population density data in the Republic of Croatia</i>

**SATURDAY, May 29**

**Morning Session**

9.00-9.45	<b>Plenary lecture</b> Franka Miriam Brueckler <i>A football trip through mathematics</i>
9.45-10.05	Željka Zorić, Gordan Radobolja, Diana Dumančić, Lucija Miloš <i>Mathduel, a math game for high school</i>
10.05-10.25	Ljerka Jukić Matić, Mirela Jukić Bokun, Darija Marković, Dragana Jankov Maširević, Mihaela Ribičić Penava, Mateja Đumić <i>Exploring the factors that influence the utilization of digital games in the mathematics classroom</i>
10.25-10.45	Marina Furkes <i>Mathematics teachers as popularizers of science</i>
10.45-11.15	Coffee Break

11.15-11.35	Karolina Dobi Barišić, Diana Moslavac Bičvić <i>eTwinning as a potential tool in teacher education</i>
11.35-11.55	Aliya Bukusheva <i>Interdisciplinarity in mathematics teacher education</i>
11.55-12.15	Amanda Glavaš, Azra Staščik <i>Essay as technique of assessing the element of mathematical communication</i>
12.15-12.35	Jelena Kišosondi, Ružica Kolar-Šuper, Ana Katalenić, Zdenka Kolar-Begović <i>Didactic manipulatives in primary mathematics education in Croatia</i>
12.35-12.55	Nives Baranović, Branka Antunović Piton <i>Ways of discovering general rules of growing geometric patterns by students aged 15 to 17</i>

**13.00**

**CLOSING**