



Mathematical Boundaries? Not Here!

Mathematics knows no limits – neither geographical nor intellectual. A testament to this is Maths Beyond Limits (MBL) – an international camp for high school students passionate about maths. It is a place where young enthusiasts from all over the world come together to explore fascinating, non-school-related areas of this field, develop their analytical and creative skills, and, most importantly, share their passion. MBL creates an open and supportive community where maths is not only an intellectual challenge but also an inspiration to discover new paths in science and in life.

Mathematical Challenges and Beyond

MBL 2024, the ninth edition of this extraordinary event, took place in the picturesque Rycerka Dolna from September 8 to 21. It was attended by 60 participants and 24 tutors from 29 countries, ranging from Europe to Asia and the Americas. Each day of the camp was filled with intense mental work: in addition to three 80-minute blocks of mathematical classes led by experienced tutors, participants also had an hour of TAU (Time Academic Unscheduled) – a time dedicated to independent problem-solving and consultations with tutors. The participants also had the opportunity to learn from each other – some of them presented their favorite topics in half-hour Camper Talks. It is from these lectures and presentations that the articles in this issue originate. The authors are the camp's tutors and participants, who shared their knowledge on fascinating mathematical topics discussed during MBL.

Not Just Mathematics

However, MBL is more than just mathematical challenges. After intense mathematical work, there were Evening Activities – full of fun, challenges, and inspiration, often organized by the participants themselves – ranging from art workshops to philosophical discussions. Sports were also included – from running and exercise to volleyball, football, and frisbee matches – as well as the exciting Puzzle Hunt, a team-based marathon of logical puzzles.

Join the MBL Community!

If you're in high school, feel that maths is your passion, and want to experience learning in a completely new dimension, don't miss the chance to participate in the next edition! If you have already graduated, it is not too late – we are also looking for tutors! Recruitment starts on April 1. More information can be found at mathsbeyondlimits.eu and on our social media.

Cross the boundaries of mathematics – and your own!

Organizers MBL



Participants MBL 2024

