SUMMER SCHOOL IN MATHEMATICS
July 10–14, 2023

	Monday, July 10	Tuesday, July 11	Wednesday, July 12	Thursday, July 14	Friday, July 14
9.00 – 10.00	Laczkovich - 1	Buczolich - 1	Buczolich - 2	Buczolich - 3	Vidnyánszky - 3
10.00 – 10.30	C O F F E E / R E F R E S H M E N T				
10.30 – 11.30	Elekes - 1	Laczkovich - 2	Laczkovich - 3	Vidnyánszky - 2	Keleti
11.30 – 11.45	C O F F E E				
11.45 – 12.45	Elekes - 2	Vidnyánszky - 1	Máthé - 1	Máthé - 2	Máthé - 3
12.45 – 14.00	L U N C H				
14.00 – 15.30	Tutorial 1	Tutorial 2	CAVE TOUR / BIKE TOUR	Tutorial 3	Tutorial 4 (optional)
15.30 – 17.00		WELCOME PARTY			

Zoltán Buczolich (ELTE)	Introduction to dynamical systems, fractals and ergodic theory
Márton Elekes (Rényi / ELTE)	Introduction to measure theory, geometric measure theory, geometric decompositions and descriptive set theory
Tamás Keleti (ELTE)	The Kakeya problem
Miklós Laczkovich (ELTE)	The Banach–Tarski paradox
András Máthé (Warwick)	Tarski's circle-squaring problem
Zoltán Vidnyánszky (ELTE)	Finite and infinite: connections between distributed computing and Borel combinatorics