

Day of Doctoral Students of the School of Mathematics

Charles University, Faculty of Mathematics and Physics

June 29, 2022

Conference schedule

Time	Speaker	Stud.	Yr.	Lecture title
09:00–09:05	Opening			
09:05–09:30	Asmae Ben Yassine	P4M1	3	On Enochs' conjecture
09:30–09:55	Ester Sgallová	P4M1	1	Quadratic forms and Pythagoras numbers over number fields
09:55–10:20	Mikuláš Zindulka	P4M1	1	Arithmetics of number fields
10:20–10:40	Coffee break			
10:40–11:05	Arnab Kumar Bhattacharjee	P4M2	1	Quantum groups and q-determinant
11:05–11:30	Antonín Češík	P4M3	3	A variational approach to hyperbolic evolutions
11:30–11:55	Jan Dudák	P4M3	3	Homeomorphism equivalence relation
11:55–13:00	Lunch break			
13:00–13:25	Eda Oktay	P4M6	2	Mixed precision GMRES-based iterative refinement with recycling
13:25–13:50	Shazma Zahid	P4M6	2	An introduction and numerical approximation of the \star -product
13:50–14:15	Dominik Beck	P4M8	1	Crofton's formula – a wonderful way how to connect seemingly unrelated problems in random geometry
14:15–14:45	POSTER SESSION with coffee			
14:45–15:10	Iva Karafiátová	P4M9	2	Statistical assessment of grain interactions in polycrystalline materials
15:10–15:35	Jan Niklas Latz	P4M9	2	Applying monoid duality to interacting particle systems
15:35–16:00	Masood Tadi	P4M9	1	Copula-based trading of cointegrated cryptocurrency pairs
16:00–16:20	An aftermath coffee			