

Program 23. Konferencie košických matematikov

Programme of the 23rd Conference of Košice Mathematicians



Štvrtok – Thursday 27. 3. 2025

- 12⁰⁰ – **Registácia účastníkov – Participants Registration**
- 12³⁰ – 13³⁰ **Obed – Lunch**
- 14⁰⁰ – 14⁰⁵ **Slávnostné otvorenie konferencie – Conference opening**
- 14⁰⁵ – 14²⁵ Stehlíková (ÚRIVP FBERG TUKE): *Exploring the feasibility of object classification on cave walls using 3D photogrammetric records*
- 14³⁰ – 14⁵⁰ Kőszegzyová (ÚMAT PF UPJŠ): *Structure of trees of primitive Pythagorean triples*
- 14⁵⁵ – 15¹⁵ Hovana (KAMaI SjF TUKE): *To infinity and beyond*
- 15²⁰ – 15⁴⁰ Haluška (MÚ SAV): *Tone systems 12-TET and decimal and duodecimal number systems*
- 15⁴⁰ – 16¹⁰ **Občerstvenie – Coffee-break**
- 16¹⁰ – 17⁰⁵ Kováčik (KTF FMFI UK Bratislava): *The fuzzy onion*
- 17¹⁰ – 17³⁰ Hrmo (FMFI UK Bratislava): *Field theory on the fuzzy onion space*
- 17³⁵ – 17⁵⁵ Muszka (KLTP LF TUKE): *Python-based satellite applications in applied mathematics*
- 18⁰⁰ – **Večera a konferenčný kvíz – Dinner & Conference Quiz**

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Piatok – Friday 28. 3. 2025

- 7⁰⁰ – **Registácia účastníkov – Participants Registration**
- 7¹⁵ – 8²⁵ **Raňajky – Breakfast**
- 8³⁰ – 9²⁵ Brajerčík (KFMT FHPV UNIPO): *Global variational geometry: structures, methods, problems*
- 9³⁰ – 9⁵⁰ Schwartzová (ÚMAT PF UPJŠ): *What is between a group \mathbb{Z}_n and a ring \mathbb{Z}_n ?*
- 9⁵⁵ – 10¹⁵ Fecková Škrabuláková (ÚRIVP FBERG TUKE): *Application of graph theory methods to allocation problems*
- 10¹⁵ – 10⁴⁵ **Občerstvenie – Coffee-break**
- 10⁴⁵ – 11⁰⁵ Škovránek (ÚRIVP FBERG TUKE): *Experimental data fitting using Mittag-Leffler function*
- 11¹⁰ – 11³⁰ Jandera (ÚRIVP FBERG TUKE): *Graph-theory based methods for optimization of neural networks*
- 11³⁵ – 11⁵⁵ Slabý (ÚMAT PF UPJŠ): *Support for mathematics teacher education*
- 12⁰⁰ – 13⁰⁰ **Obed – Lunch**
- 13⁰⁰ – 13⁵⁵ Hrubý (KAG PřF UP Olomouc): *Scholé*
- 14⁰⁰ – 14⁴⁰ Lascsáková (KAMaI SjF TUKE): *Education of Generation Z – problems, pitfalls, and challenges. Round table*
- 14⁴⁰ – 15¹⁰ **Občerstvenie – Coffee-break**

- 15¹⁰ – 16⁰⁵ Belan (Škola pre mimoriadne nadané deti a gymnázium Bratislava):
Very old mathematics
- 16¹⁰ – 16³⁰ Doboš (ÚMAT PF UPJŠ): *There are several ways to solve an equation*
- 16³⁵ – 17³⁰ Snoha (KM FPV UMB): *Dynamical systems: Connecting a math olympiad problem and Benford's law*
- 17³⁰ – **Večera a spoločenský večer – Dinner & Party**

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Sobota – Saturday 29. 3. 2025

7¹⁵ – 8¹⁵ **Raňajky – Breakfast**

8²⁰ – 9¹⁵ Hančová (ÚMAT PF UPJŠ): *Integral transforms in statistics, measurements and data science*

9²⁰ – 9⁴⁰ Vodička (OAMDG SvF TUKE): *Mathematical tools of fracture mechanics for students of construction engineering*

9⁴⁰ – 10¹⁰ **Občerstvenie – Coffee-break**

10¹⁰ – 10³⁰ Hutník (ÚMAT PF UPJŠ): *What remains intriguing about the Basel Problem?*

10³⁵ – 10⁵⁵ Mlynárčik (KM PF KU Ružomberok): *Elves, wizard and hats*

11⁰⁰ – 11⁰⁵ **Záver konferencie – Conference closing**

11¹⁰ – **Obed – Lunch**