

**Univerza na Primorskem**

Titov trg 4  
6000 Koper

## VABILO NA AKTIVNOSTI PROJEKTA OOOZANANOST!

### Rumors, epidemics and economic crises: infection processes in networks

**Kdaj:** 19. februar 2025, ob 16.00

**Kje:** UP Famnit (Glagoljaška 8, 6000 Koper)

**Izvajalec:** dr. Miklós Krész

#### Opis:

What are the commonalities between the economic crisis of 2008, the COVID-19 pandemic, and social media campaigns in recent political elections? Why were the dynamics of bankruptcies, epidemic outbreaks, and the spread of misinformation so unexpected? What are the similarities and differences between these processes and how can they be described by mathematical models? What specific problems arise in controlling the spread of these types of outbreaks and what mathematical methods can be used to address them? In this lecture we will take a journey through the methodology of computational network analysis to answer the above questions and to highlight the main challenges.

#### O predavatelju:

Miklós Krész je leta 2005 doktoriral iz matematike in računalništva na Univerzi v Szegedu, Madžarska. Njegova glavna raziskovalna področja so industrijsko motivirane metode optimizacije, podatkovne industrijske rešitve in integracija operacijskih raziskovalnih in podatkovnih metodologij. Osredotoča se tako na temeljne kot na aplikativne raziskave na teh področjih. Trenutno je profesor računalništva na UP FAMNIT in UP IAM, hkrati pa je vodja raziskovalnega oddelka - Obdelava informacij na InnoRenew CoE.

(predavanje bo izvedeno v angleščini)

LAŽNE NOVICE IN TEORIJE ZAROTE? OPOLNOMOČIMO (SE ZA) ZNANOST! (oooZnanost!)