



MATEMATIČNI KOLOKVIJI



VABILO

V četrtek, 3. februarja 2022, ob **11:15**

bo preko Zoom-a

predaval:

Prof. dr. Norman Do

MONASH UNIVERSITY, AVSTRALIJA

A tourist's guide to topological recursion

Consider the enumeration of graphs on surfaces and the enumeration of permutation factorisations. Although seemingly distinct problems, they are both governed by a remarkable mathematical structure known as topological recursion, which emerged in the mathematical physics literature fifteen years ago. It has since become a unifying framework that connects diverse parts of mathematics, including: matrix models, quantum knot invariants, moduli spaces of curves, topological string theory and more. The goal of this talk is to use some interesting toy examples to uncover general features of the topological recursion.

Zoom podatki:

[https://uni-lj-si.zoom.us/j/91929990244?](https://uni-lj-si.zoom.us/j/91929990244?pwd=S3JmRFVoODdVZy9nSmd2R2JDQUV3Zz09)

`pwd=S3JmRFVoODdVZy9nSmd2R2JDQUV3Zz09`

Meeting ID: 919 2999 0244

Passcode: 244263

Pozor: predavanje je izjemoma ob 11:15.

Ljubitelji matematike vljudno vabljeni!

Matematične kolokvije prireja Društvo matematikov, fizikov in astronomov Slovenije v sodelovanju z Inštitutom za matematiko, fiziko in mehaniko v Ljubljani, Oddelkom za matematiko in mehaniko Fakultete za matematiko in fiziko Univerze v Ljubljani ter Komisijo za tisk, DMFA - založništvo. Kolokvije vodi PRIMOŽ MORAVEC. Dodatne informacije so na strani:

<http://wiki.fmf.uni-lj.si/wiki/MatematicniKolokviji>

Pripombe podajte na naslov: primoz.moravec@fmf.uni-lj.si

