



Vabilo

V okviru **seminarja** z **matematično-računalniško tematiko** OMR UM bo v sredo, 25. 2. 2015, ob 15.00 na sporedu predavanje

prof. dr. Jeana-Paula Allouchea:

z naslovom

Automatic sequences: a survey.

Kratek povzetek. Automatic sequences can be defined either from a purely combinatorial point of view or from a theoretical computer science point of view. Namely they can be defined either by means of the finiteness of a specific set of their subsequences or as deterministic sequences generated by a specific kind of algorithm (finite automata). Thanks to this double aspect, they can be found in or applied to many fields: mathematics (number theory, real analysis, fractals...) or theoretical computer science (combinatorics on words, morphism of the free monoid...), but also physics (one dimensional Ising model, quasi-crystals...), and even economics, games, and music.

Predavanje bo potekalo na Gosposvetski cesti 84 v Mariboru, v predavalnici P1 (4. nadstropje).

Vljudno vabljeni!

Vodja seminarja

prof. dr. Dušan Pagon

Maribor, 20. 2. 2015