
Einladung zu einem Vortrag
im Rahmen des DK-Seminars des Karl Popper Kollegs von

Prof. Helmut Prodinger
Stellenbosch University, South Africa

zum Thema

CONTRIBUTIONS TO BIJECTIVE COMBINATORICS

Ort: I.2.01 der Universität Klagenfurt

Zeit: Mittwoch, 17. Mai 2017, um 11:00 Uhr

Kurzfassung:

When two combinatorial structures are enumerated by the same family of numbers, it is legitimate to ask for a combinatorial explanation of this fact, by establishing a bijection. Classical examples include binary trees, plane trees, Dyck paths, all enumerated by Catalan numbers.

The speaker has, on occasion, also produced such bijections, the earliest involving Narayana numbers. Another one (together with Alois Panholzer) found the approval of Donald Knuth who mentioned that he tried it himself. Later ones were produced together with Nancy Gu, Emeric Deutsch and others. It is planned to speak about a family of trees called Elena trees. To find bijections does not always lead to new insights, but it is pure fun!

Das Institut für Mathematik freut sich auf Ihren Besuch.

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