



**KURT GÖDEL RESEARCH CENTER FOR  
MATHEMATICAL LOGIC**

UNIVERSITÄT WIEN

1090 WIEN, WÄHRINGER STRASSE 25

**O.UNIV.-PROF. DR. SY-DAVID FRIEDMAN**



INVITATION

**VICTOR SELIVANOV**

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**ON WEIHRAUCH DEGREES OF  $k$ -PARTITIONS OF THE  
BAIRE SPACE**

Abstract:

In the 1990s Peter Hertling found useful "combinatorial" characterizations of initial segments of the degree structures under Weihrauch reducibilities on  $k$ -partitions (for any integer  $k > 1$ ) of the Baire space whose components are finite boolean combinations of open sets. In this talk we discuss extensions of these characterizations to as large initial segments of the Weihrauch degree structures as possible.

**THURSDAY, NOVEMBER 12, 2015**

Tea at 3:30 p.m. in the meeting room (room 104)

Talk at 4:00 p.m. in the seminar room (room 101)

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**o.Univ.-Prof. Dr. Sy-David Friedman**