



**KURT GÖDEL RESEARCH CENTER FOR
MATHEMATICAL LOGIC**

UNIVERSITÄT WIEN

1090 WIEN, WÄHRINGER STRASSE 25

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



INVITATION

DANIEL SOUKUP
(Hungarian Academy of Sciences, Budapest, Hungary)

**UNIFORMIZATION PROPERTIES IN CONNECTION TO
GRAPH COLOURINGS**

Abstract:

The aim of this talk is to review certain uniformization properties of ladder systems on ω_1 . In particular, we focus on a machinery (of iterating a family of simple non proper posets) developed by Shelah investigating the Whitehead problem under CH. Our main interest lies in using this technique to construct uncountably chromatic graphs with interesting/unexpected behavior.

THURSDAY, DECEMBER 3, 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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