



**KURT GÖDEL RESEARCH CENTER FOR
MATHEMATICAL LOGIC**

UNIVERSITÄT WIEN

1090 WIEN, WÄHRINGER STRASSE 25

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



INVITATION

RAPHAËL CARROY
(KGRC)

**LINEAR ORDERS: WHEN EMBEDDING AND EPIMORPHISM
COINCIDE**

Abstract:

When a linear order has an order preserving surjection onto each of its suborders, we say that it is strongly surjective. I will mainly talk about countable strongly surjective linear orders, outlining the proof that they form a complete set for the class of unions of an analytic and a coanalytic set. I will then discuss the case of uncountable strongly surjective orders.

This is a joint work with Riccardo Camerlo and Alberto Marcone.

THURSDAY, NOVEMBER 3, 2016

Tea at 3:30pm in the KGRC meeting room (room 104)

Talk at 4:00pm in the KGRC lecture room (room 101)

GÖDEL RESEARCH CENTER

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