



universität  
wien

Fakultät für Mathematik

## Mathematisches Kolloquium

### EINLADUNG

**Kilian Raschel, PhD**

(Université de Tours )

**“A Human Proof of Gessel's Lattice Path Conjecture”**

## **“A Human Proof of Gessel's Lattice Path Conjecture”**

### **Abstract:**

Around 2000, Ira Gessel conjectured that the number of lattice walks in the quadrant  $N_2$ , starting and ending at the origin  $(0,0)$  and consisting of East, West, North-East and South-West steps, had a simple hypergeometric form. In the following decade, this problem became one instance in the systematic study of walks with small steps confined to the quadrant.

**ACHTUNG: Donnerstag 14. April 2016**

**15.45 Uhr Kaffeejause,**

**16.15 Uhr Vortrag**

**Vinum cum pane im Anschluss**

**Ort: Fakultät für Mathematik,**

**Oskar-Morgenstern-Platz 1,**

**Sky Lounge**

Herwig Hauser

Harald Rindler