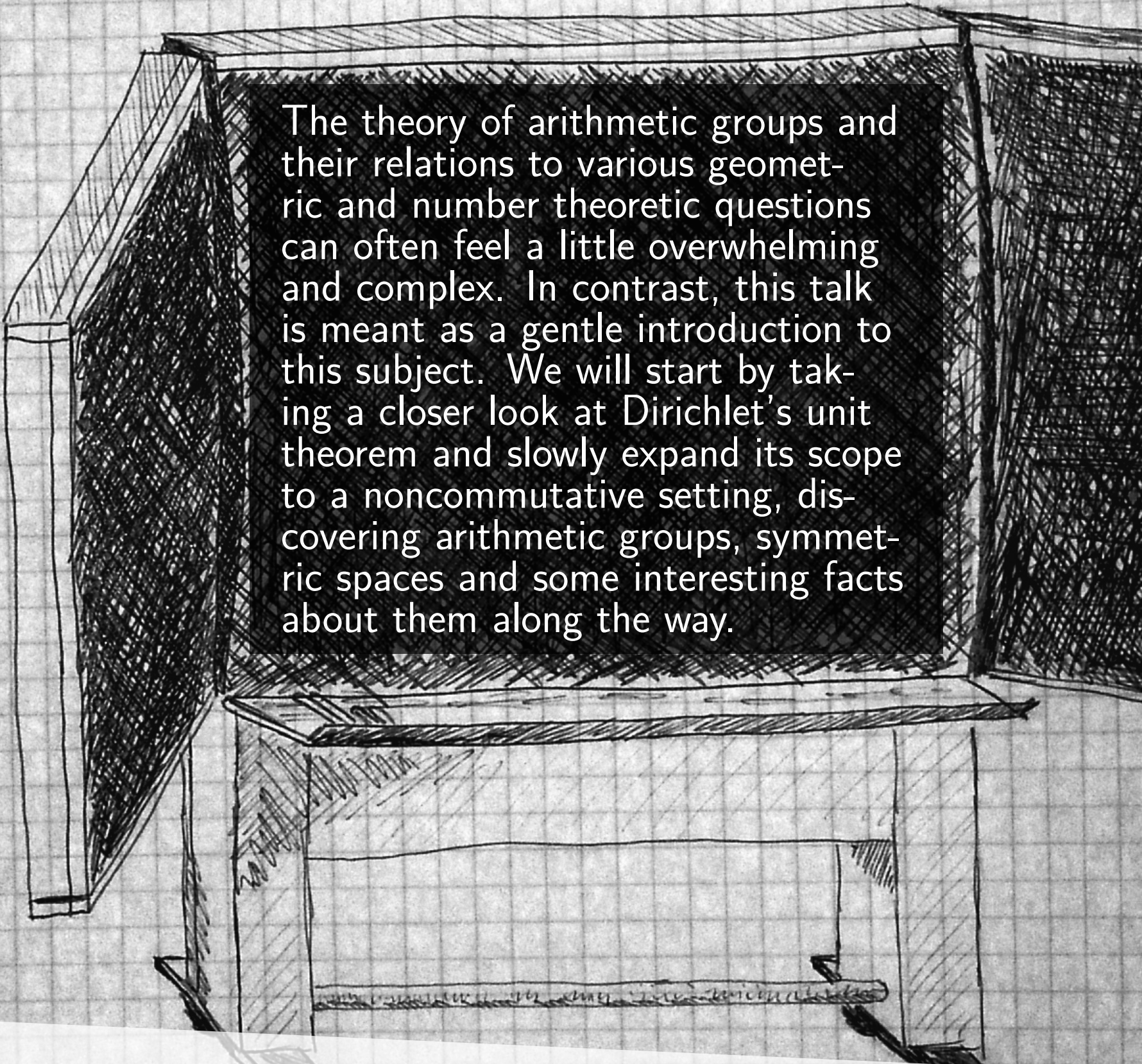


PhD Colloquium

March 15th 2017, 15:00–15:45

Sky Lounge

An Introduction to Arithmetic Groups by Sascha Biberhofer



The theory of arithmetic groups and their relations to various geometric and number theoretic questions can often feel a little overwhelming and complex. In contrast, this talk is meant as a gentle introduction to this subject. We will start by taking a closer look at Dirichlet's unit theorem and slowly expand its scope to a noncommutative setting, discovering arithmetic groups, symmetric spaces and some interesting facts about them along the way.

**Master Students, PhD Students, Postdocs
and other members of the Faculty of
Mathematics are cordially invited!**

Organised by the Vienna Doctoral School of Mathematics.