# WWU
## MÜNSTER

Wilhelm Killing Kolloquium

# Global analytic geometry and Hodge theory

Prof. Dr. Yakov Kremnitzer (University of Oxford)
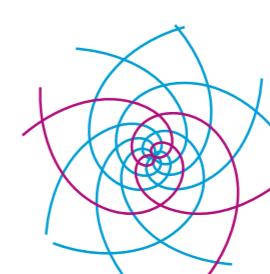04. April 2019, 16:30 Uhr, Hörsaal M5

In this talk I will describe how to make sense of the function (1+t)^x over the integers. I will explain how different rings of analytic functions can be defined over the integers, and how this leads to global analytic geometry and global Hodge theory. If time permits I will also describe an analytic version of lambda-rings and how this can be used to define a cohomology theory for schemes over Z. This is joint work with Federico Bambozzi and Adam Topaz.

**Tee wird ab 16:00 Uhr im Sitzungszimmer SR0 des Fachbereichs serviert.**

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Fachbereich 10
Mathematik und
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