

BERNOULLIS TAFELRUNDE

GRADUATE STUDENT SEMINAR

Thursday, 7 March 2019, 13:15-14:00

Seminarraum 05.002, Spiegelgasse 5

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ABSTRACT

Assuming only previous knowledge of notions introduced in the previous talk, I will focus on line bundles. More specifically, I will explain their 3-fold nature (line bundles, maps to \mathbb{P}^N and divisors) and their interaction with curves. Next, we will look at some specific classes of line bundles and how they “sit” in the vector space of all line bundles.

If time permits, I will also give a brief overview of the Minimal Model Program (MMP) for surfaces. I will mostly focus on the way ideas introduced in the first part are implemented in the MMP.