

# 青年学术论坛邀请报告

报告人：申旭 研究员

单位：中国科学院晨兴数学研究所

时间：10月31日（周一）15:15–16:45

邀请人：陈苗芬

地点：闵行数学楼102报告厅

题目：Rapoport-Zink uniformization of Shimura varieties

摘要：In this talk, we discuss some arithmetic geometrical structures of Shimura varieties. We will start with some review on Drinfeld's construction of  $p$ -adic uniformization for Shimura curves associated to an indefinite quaternion algebra over  $\mathbb{Q}$  which is ramified at  $p$ . Then we will introduce the most general Rapoport-Zink spaces, and we will explain how to use them to uniformize certain pieces of Shimura varieties of abelian type.

