



セミナー情報

2025年3月 セミナー一覧

2025.3.14 (金) | セミナー

代数セミナー(15:30--17:00【会場：数学棟201号室】)

日程が3/7から3/14に変更になりました。

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題目：Rapoport-Zink spaces and close p -adic fields.

概要：

Rapoport-Zink spaces are moduli spaces of p -divisible groups (with extra structure). These are p -adic analogues of integral models of Shimura varieties. Their function field versions were introduced by Hartl-Viehmann. I want to explain a construction approximating Hartl-Viehmann spaces via Rapoport-Zink spaces using the philosophy of close p -adic fields. If time permits I want to sketch how one may use this construction to deduce the Arithmetic Fundamental Lemma in the function field case. This is joint work, partly in progress, with Andreas Mihatsch.

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