S=T THEOREM FOR SHIMURA VARIETIES

Speaker: Zhiyou Wu
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Time：Fri, Dec. 17, 13:00-14:00

Venue: Tencent meeting:412 608 874, passcode: 895415

Abstract: I will explain a proof of the $S=T$ conjecture proposed by Liang Xiao and Xinwen Zhu using Scholze's theory of diamonds and v-stacks, and Fargues- Scholze's geometric Satake equivalence. I will explain the necessary background on Shtukas, and why the new geometric theory developed by Scholze is so natural to attack the conjecture.