

COMPACTIFICATIONS OF INTEGRAL MODELS OF SHIMURA VARIETIES

Speaker: Peihang Wu

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Time：Friday, November 20th, 16:00-17:00

Venue: Room 102, SCMS

Abstract:

Shimura varieties and their integral models are important geometric objects in arithmetic geometry and the Langlands program, and the study of their compactifications has a long history. In this talk, we discuss some recent progress on constructing and describing integral models of toroidal and minimal compactifications of Shimura varieties, and discuss some applications of it if time permits. This is based on my own work and joint work with Shengkai Mao.