

## **abstract**

SPECIAL JOINT IAS/PU NUMBER THEORY

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

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Since the proof of Iwasawa's main conjecture in the classical case (theorem of Mazur and Wiles), automorphic forms on  $GL(2)$  have played an essential role to understand Iwasawa theory for  $GL(1)$ . In this lecture, Leopoldt's conjecture for totally real fields will be discussed from this perspective.