

**ARITHMETIC DEGREES OF DOMINANT RATIONAL
SELF-MAPS**

Speaker: Long Wang

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Time: Fri, Sep. 8, 2023, 14:30-15:30

Venue: Room 102, Shanghai Center for Mathematical Sciences

Abstract: We discuss a conjecture of Kawaguchi and Silverman about arithmetic degrees of dominant rational self-maps defined over number fields. Some new results and an application to the existence of Zariski dense orbits will be given. This is based on joint work with Yohsuke Matsuzawa.