



Dawn-Midi-Yofuke International Seminar Explicit Methods in Homotopy and Arithmetic

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Homotopy Galois Action

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08 Arithmetic of fundamental groups

C. RASMUSSEN, Wesleyan University, USA

09 Galois pro-p representations in genus one

S. ISHII, Keio University, Japan

22 Ihara program and number theory

C. MCLEMAN, University of Michigan-Flint, USA

23 Galois I-adic polylogarithms

D. SHIRAISHI, Tokyo University of Science, Japan

Chabauty-Kim Theory

October 2025

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N. DOGRA*, King's College London, UK

Oda-Tamagawa good reduction criterion 08

A. BETTS, Cornell University, USA

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S. HASHIMOTO, Brown University, USA

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I. DAN-COHEN, Ben-Gurion Univ. of the Negev, ISL

*To be confirmed



This workshop is part of the LPP-RIMS-
ENS Arithmetic Homotopy & Galois Theory
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Website <https://ahgt.math.cnrs.fr>

A hybrid international seminar with
colloquium and research talks to introduce
and explore classical topics of arithmetic
geometry and their recent developments.