

INTERACTIVE THEOREM PROVER + GENERATIVE AI IN MATHS SEMINAR 2025

5 talks by researchers from
Japan and UK + Lean
workshop will be planned!

The purpose of this seminar
funded by JSPS London is to
investigate ways in which the
Interactive Theorem Prover &
generative AI can effectively
support mathematicians'
practice and mathematics
education.



Date: 17 September 2025

Time: 13:00-17:00



Room Laver 320 University of
Exeter

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University of
Southampton

INTERACTIVE THEOREM PROVER + GENERATIVE AI IN MATHS SEMINAR 2025

Speakers

Prof. Manabu Hagiwara (Chiba University)

Prof. Kazuhisa Nakasho (Iwate Prefecture University)

Dr Gihan Marasingha (Exeter University)

Dr Barrie Cooper (Exeter University)

Dr Athina Thoma (Southampton University)

Dr Taro Fujita (Exeter University)

Harvey Gray, Megan Flatt, Alvaro Tovar, Mark Green,
Hollie Davis

Topics: Use of Interactive Theorem Prover &
generative AI in mathematics & Mathematics
Education; Mathematicians' practice in
future; Use of Lean4 for proving theorems.



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