



AMSI-CARMA Lecture series

Prof. Jeremy Avigad

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Research Interests

Mathematical logic, proof theory, philosophy
of mathematics, formal verification, automated
reasoning, and the history of mathematics.

Computers are changing the way we do mathematics,
as well as introducing new research agendas.
Computational methods in mathematics, including
symbolic and numerical computation and simulation,
are by now familiar.

Join Jeremy Avigad as he explores the way that “formal methods”, based on formal languages
and logic, can contribute to mathematics as well.

Lectures in May:

Formal methods in mathematics 2–3pm, 8 May 2015

Automated theorem proving 3–4pm, 8 May 2015

Interactive theorem proving 2–3pm, 15 May 2015

Formal methods in analysis 2–3pm, 22 May 2015

Participate by video conferencing or in person at the University
of Newcastle. For details visit: www.amsi.org.au/AMSI-CARMA

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ACE Network

