



The College of Arts & Sciences and
The Department of Philosophy present

New Waves in Philosophy of Mathematics Conference

Thursday, April 24, 2008
Learning Center, Room 140

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| 3:00 – 3:30 pm | Welcome Reception |
| 3.30 – 4.40pm | Alan Baker (Swarthmore College),
“Mathematical Accidents and the End of Explanation” |
| 4.50 – 6.00pm | Mark Colyvan (University of Sydney),
“Applying Inconsistent Mathematics” |
| 6.10 – 7.20pm | Chris Pincock (Purdue University),
“Towards a Philosophy of Applied Mathematics” |
| 7.30pm | Dinner |

Friday, April, 25, 2008
Learning Center, Room 140

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| 9.00 – 10.10am | Gabriel Uzquiano (University of Oxford),
“Quantification without a Domain” |
| 10.10 – 10.30am | Coffee Break |
| 10.30 – 11.40am | Peter Koellner (Harvard University),
“The Omega-Conjecture and the Question of Realism in
Mathematics” |
| 11.50 – 1.00pm | Alexander Paseau (University of Oxford),
“Reducing Arithmetic to Set Theory” |
| 1.00 – 2.00pm | Lunch |

2.00 – 3.10pm	Øystein Linnebo (University of Bristol), “The Individuation of the Natural Numbers”
3.20 – 4.30pm	Hannes Leitgeb (University of Bristol), “Formal and Informal Provability”
4.30 – 5.00pm	Coffee Break
5.00 – 6.10pm	Geoff Sutcliffe (Computer Science, University of Miami), “Tools for the Analysis of Proofs from Automated Theorem Proving Systems”
7pm	Dinner

Saturday, April 26, 2008
Learning Center, Room 140

9.00 – 10.10am	Agustín Rayo (Massachusetts Institute of Technology), “Knowledge in Logic and Mathematics”
10.10 – 10.30am	Coffee Break
10.30 – 11.40am	Otávio Bueno (University of Miami), “Mathematical Fictionalism”
10.50 – 1.00pm	Mary Leng (University of Liverpool), “‘Algebraic’ Approaches to Mathematics”
1.00 – 2.00pm	Lunch
2.00 – 3.10pm	Roy Cook (University of Minnesota), “New Waves on an Old Beach: Fregean Philosophy of Mathematics Today”
3.20 – 4.30pm	Thomas Hofweber (University of North Carolina, Chapel Hill), “Formal Tools and the Philosophy of Mathematics”
7pm	Dinner

This conference was made possible by the generous support of the College of Arts and Sciences, the Philosophy Department, and the Graduate School, as well as the British Academy, and the Sydney Centre for the Foundations of Science.