

# Two Streams in the Philosophy of Mathematics: Rival conceptions of Mathematical Proof University of Hertfordshire 1-3 July 2009

## Wednesday 1 July

2 - 2.30	Brendan Larvor	Welcome and Introduction
2.30 - 2.45	Break	
2.45 - 3.45	Yehuda Rav	In Defence of a Semantic-Structuralist Conception of Mathematical Proof
3.45 - 4.00	Break	
4 - 5	Jody Azzouni	Mathematical Proof: A response to some objections
5 - 5.15	Break	
5.15 - 6.05	Dirk Schlimm	Two sides of an old coin: The debate between Pasch and Klein on the role of mathematical intuition
6.05 - 6.20	Break	
6.20 - 7.10	Alexandre Borovik	Above the Streams: the Philosophy of Mathematics as Seen by a Mathematician

## Thursday 2 July

9.30 - 10.20	Alison Pease	Analogy formulation and modification in geometry
10.20 - 10.35	Break	
10.35 - 11.25	Charlotte Werndl	Justifying Definitions in Mathematics—Going Beyond Lakatos
11.25 - 11.40	Break	
11.40 - 12.30	Mathieu Marion	Wittgenstein on Surveyability of Proofs
12.30 - 1.30	Lunch	
1.30 - 2.20	Peter Koepke	Naturalness in Formal Mathematics
2.20 - 2.35	Break	
2.35 - 3.25	Ivor Grattan-Guinness	Theory-building and proof in applied mathematics
3.25 - 3.40	Break	
3.40 - 4.30	Madeline Muntersbjorn	Poincaré and the Growth of Mathematics
4.30 - 4.45	Break	
4.45 - 5.35	Andrew Aberdein	Arguing Over Mathematics
5.35 - 5.50	Break	
5.50 - 6.50	Alexander Paseau	How Mathematics is Understood

## Friday 3 July

9.15 - 10.05	Giuseppina Ronzitti	Formalized Proofs and Evidence
10.05 - 10.20	Break	
10.20 - 11.20	David Corfield	Proofs are not the whole story
11.20 - 11.35	Coffee	
11.35 - 12.35	Michael Harris	Mathematical conjectures in the light of reincarnation
12.40 - 1.30	Panel	