

Schedule

Friday, November 6.

- 9:00–10:00 **Jeff Hirst**
“Introduction to reverse mathematics”
- 10:00–11:00 **Douglas Bridges**
“Constructive reverse mathematics”
- 11:00–12:00 **Ulrich Kohlenbach**
“Applications of proof theory to nonlinear analysis and ergodic theory”
- 2:00–3:00 **Neil Tennant**
“Natural logicism: aims, method, problems, and prospects; and its relation to reverse mathematics”
- 3:30–4:00 **Reed Solomon**
“Cappable CEA sets and Ramsey’s theorem”
- 4:00–4:30 **Fernando Ferreira**
“Brief notes on functional interpretations”
- 5:00–6:00 **Discussion Session**

Saturday, November 7.

- 9:00–10:00 **Steve Simpson**
“Mass problems and measure-theoretic regularity”
- 10:00–11:00 **Patrick Suppes and Ted Alper**
“A theory of strict finite models of nonstandard analysis”
- 11:00–12:00 **Discussion Session**
- 2:00–3:00 **Harvey Friedman**
“Strict reverse mathematics”
- 3:30–4:00 **Ted Slaman**
“Conservation questions over $B\Sigma_2$ ”
- 4:30–5:30 **Discussion Session**
- 5:30–6:30 **Open Problem Session**

Sunday, November 8.

- 9:00–10:00 **Chi Tat Chong**
“Nonstandard methods in reverse mathematics”
- 10:00–10:30 **Richard Shore**
“The maximal linear extension theorem implies ATR_0 ”
- 10:30–11:00 **Carl Mummert**
“Reverse mathematics and uniformization”
- 11:00–12:00 **Discussion Session**
- 12:00–12:30 **Sam Sanders**
“A copy of several reverse mathematics”
- 12:30–1:00 **Guido Gherardi**
“Classical theorems and degrees of incomputability”