EXTENSIONS OF HILBERT'S TENTH PROBLEM

Workshop Schedule

Monday, March 21, 2005
9:00 am - Karim Zahidi: Introduction to Hilbert's Tenth Problem
10:30 am - Bjorn Poonen: Hilbert's Tenth Problem for rings of algebraic integers
11: 10 am - Karl Rubin: Ranks of elliptic curves over number fields
Lunch
2:00 pm - Martin Davis: The problems of finite-fold Diophantine definition of r.c. sets
3:30 pm - Problem session [moderated by Bjorn Poonen]
Happy Hour

Tuesday, March 22, 2005
9:00 am - Laurent Moret-Bailly: Constructing Denef curves of rank one over function fiel
11:00 am - Thanases Pheidas: The analogue of Hilbert's Tenth Problem for analytic and me
Lunch
2:00 pm - Kirsten Eisentraeger: HTP for function fields of positive characteristic
3:30 pm - Problem session [moderated by Thomas Scanlon]
Happy Hour
6:45 pm - Workshop Banquet

Wednesday, March 23, 2005
9:00 am - Moshe Jarden: Decidability in large algebraic rings
11:00 am - Florian Pop: Elementary equivalence versus isomorphism for function fields
Lunch
2:00 pm - People work on projects
4:00 pm - Bjorn Poonen: Informal talk - HTP for rings of algebraic integers
Happy Hour
8:30 pm - Movie

Thursday, March 24, 2005 or Friday 25th?
9:00 am - Graham Everest: Divisibility in elliptic divisibility sequences
11:00 am - Gunther Cornelissen: Improving Julia Robinson (conjecturally)
Lunch
2:00 pm - People work on projects
Happy Hour

Friday, March 25, 2005
9:00 am - Paola D'Aquino: Hilbert's Tent Problem in weak fragments of arithmetic
11:30 am - Jeroen Demeyer: Recursively enumerable sets over polynomial rings
Lunch
2:00 pm - People work on projects

3:30 pm - Wrap-up session
Happy Hour