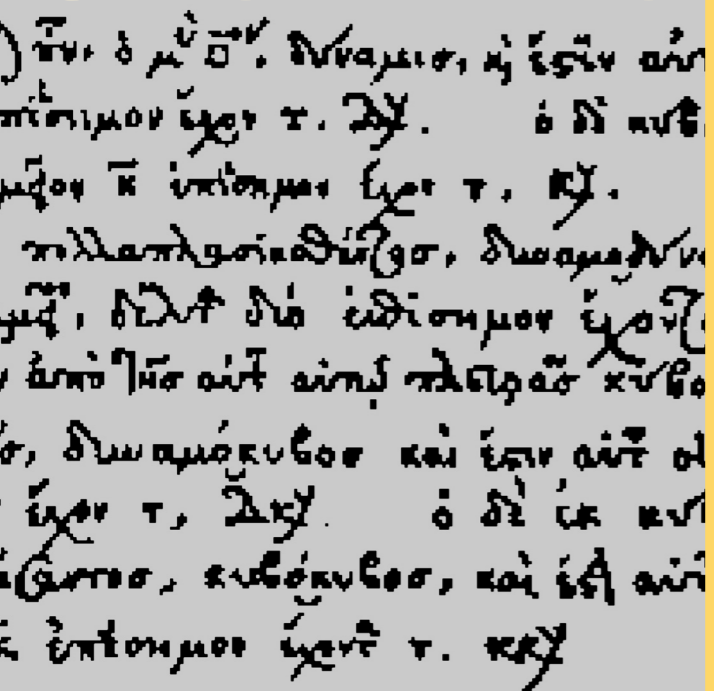


# January – April 2009



## Trimester Program on **Diophantine equations**

**Organizers:** D. R. Heath-Brown, A. MacIntyre, Yu. I. Manin,  
Yu. V. Matiyasevich, and B. Z. Moroz

**The study of Diophantine equations** is one of the oldest branches of pure mathematics and is still flourishing. The 20th century saw great progress: the proof of Siegel's theorem on integer points of algebraic curves, the negative solution of Hilbert's 10th problem, the proof of Mordell's conjecture, and the proof of Fermat's Last Theorem.

**The program** will bring together specialists from diverse areas of the theory of Diophantine equations. Moreover we intend to publish a proceedings volume, which we hope will serve as an introduction to the modern theory of Diophantine equations.

**The program culminates in a conference from 23 – 29 April 2009.**

### **Those planning to attend:**

T. D. Browning (Bristol)	V. P. Orevkov (St. Petersburg)
J. Brüdern (Stuttgart)	T. Pheidas (Crete)
J.-L. Colliot-Thélène (Paris)	B. Poonen (Berkeley)
M. Davis (Berkeley and New York)	P. Salberger (Göteborg)
J. Denef (Leuven)	A. Shlapentokh (East Carolina)
G. Faltings (Bonn)	T. N. Shorey (Bombay)
M. Jarden (Tel Aviv)	A. N. Skorobogatov (London)
Yu. W. Nesterenko (Moscow)	Yu. Tschinkel (Göttingen)
	T. Wooley (Bristol)

**Call for participation:** The Hausdorff Research Institute offers visiting positions for the whole period of the trimester program (in particular for Postdocs and PhD-students). The deadline for applications is 31 July 2008. Please send applications (including CV and, for Postdocs and PhD-students, a letter of recommendation) using our online application form (preferably [www.him.uni-bonn.de/diophantine-equations](http://www.him.uni-bonn.de/diophantine-equations)) or by e-mail to the director of HIM, Prof. Dr. Matthias Kreck ([kreck@him.uni-bonn.de](mailto:kreck@him.uni-bonn.de)). In addition numerous fellowships for shorter periods are available.