



## **Conference on Mathematical Logic and Set Theory**

**Chennai (India), 15-17 August 2010**

**Satellite Conference of the ICM 2010 Hyderabad (India)**

In the successful tradition of logic satellite meetings at recent ICMs, we held a satellite conference on mathematical logic and set theory in India to provide a specialized venue for logicians and set theorists connected with ICM 2010 in Hyderabad. The conference was co-hosted by the Institute of Mathematical Sciences and the Chennai Mathematical Institute on behalf of the Association for Logic in India. The scope of the meeting was all of mathematical logic, including its areas of application (theoretical computer science, algebraic logic and others). The conference was organized by Prof. Dr. Benedikt Löwe and Prof. Dr. R. Ramanujam, and can be considered a success: there have been few occasions before (if any) that brought as many leading researchers in mathematical to India. The network INFITY was not only presented as a sponsor, but also as a very important funding instrument for high-level set theory research in Europe.

The following is a list of speakers and the titles of their talks at the conference:

Andrew Brooke-Taylor and Damiano Testa. *University of Bristol. Bristol, United Kingdom. Oxford University. Oxford, United Kingdom.*

**Zero-one laws for Fraisse limits over infinite languages**

Cedric Milliet. *Université Claude Bernard. Lyon, France.*

**Groups with few types.**

Andre Nies. *The University of Auckland. Auckland, New Zealand.*

**Borel Structures**

Dilip Raghavan. *University of Toronto. Toronto ON, Canada.*

**Cofinal types of ultrafilters**

Janak Ramakrishnan. *Université Claude Bernard. Lyon, France.*

**Definable linear orders definably embed into lexicographic orders in o-minimal structures**

Denis I. Saveliev. *Moscow State University. Moscow, Russia.*

**Groupoids of ultrafilters**

Shashi Mohan Srivastava. *Indian Statistical Institute. Kolkata, India.*

**On the existence of continuous stochastic relation with support contained in a prescribed set.**

Gunnar Wilken. *Okinawa Institute of Science and Technology. Okinawa, Japan.*

**Tracking Chains of  $\Sigma_2$ -Elementarity**

## *Finances.*

The conference costs were € 8867, split into the following categories:

Accommodation Invited Speakers:	€ 1919
Travel Expenses Invited Speakers:	€ 1912
Shuttle Service in Chennai:	€ 736
Food:	€ 2571
INFTY grants for junior researchers:	€ 900
Local Administrative Costs:	€ 829

Of these, € 3000 were covered by the ESF grant, € 1000 by the DVMLG, and € 4867 by the local organizers (IMSc and ICM 2010). The ESF contribution covered:

€ 250 for accommodation,  
€ 1600 for travel,  
€ 250 for food, and  
€ 900 for INFTY grants (travel of junior researchers).