

9 January 2009

8:00 Registration

8:50 Opening Remarks

Invited Talks
Chair: Sundar Sarukkai

9:00–10:00 **Rohit Parikh**
Knowledge, games, and tales from the East

10:00–11:00 **Rajeev Gore**
Machine checking proof theory: an application of logic to logic

11:00–11:30 Coffee

Session A
Chair: N Raja

Session B
Chair: Mihir Chakraborty

11:30–12:00 **Dietmar Berwanger**
Game quantification patterns

Gorisse Marie-Helene
The art of non-asserting: dialogue with Nagarjuna

12:00–12:30

G S Mahalakshmi
Formal definitions of reason fallacies to aid defect exploration in argument gaming

12:30–14:00 Lunch

Session A
Chair: Arindama Singh

Session B
Chair: Jonardon Ganeri

14:00–14:30 **Yoshihiro Maruyama**
Algebraic study of lattice-valued logic and lattice-valued modal logic

Rahul Bendre
Some afterthoughts on knowledge based obligation

14:30–15:00 **Soma Datta**
Graded consequence relation and its level cuts

Patrick Girard
An analytic logic of aggregation

15:00–15:30 Coffee

Invited Talk
Chair: Benedikt Loewe

15:30–16:30 **Joel Hamkins**
Some second order set theory

18:00 Veena concert: **Dr. Jayanthi Kumaresh**

10 January 2009

Invited Talks

Chair: Mohua Banerjee

9:00–10:00 **Moshe Vardi**
From philosophical to industrial logics

10:00–11:00 **Esko Turunen**
A paraconsistent fuzzy logic

11:00–11:30 Coffee

Session A
Chair: Kamal Lodaya

Session B
Chair: K Ramasubramanian

11:30–12:00 **Alena Vencovska**
Instantial relevance in polyadic inductive logic

Prabal Sen
Interpretation of prohibitory statements: some Indian views

12:00–12:30 **Yi Wang**
A two-dimensional hybrid logic of subset spaces

Manidipa Sanyal
The fabric of commands

12:30–14:00 Lunch

Session A
Chair: Sujata Ghosh

Session B
Chair: S N Krishna

14:00–14:30 **M A Khan**
A study of a logic for multiple-source approximation systems

Benny Kenkireth
Towards decidability of conjugacy of pairs and triples

14:30–15:00 **A Mani**
Meaning, choice, and semantics of similarity-based rough set theory

Aiswarya Cyriac
Lower bound for the communication complexity of the Russian cards problem

15:00–15:30 Coffee

15:30–16:30 ALI General Body Meeting

19:00 Banquet

11 January 2009

Invited Talks

Chair: R Ramanujam

9:00–10:00 **Johan van Benthem**

Decisions, actions, and games: a logical perspective

10:00–11:00 **Johann Makowsky**

Connection matrices for MSOL-definable graph parameters

11:00–11:30

Coffee

Session A

Chair: S P Suresh

Session B

Chair: Ranjan Mukhopadhyay

11:30–12:00

Yurii Khomskii

A general setting for the pointwise investigation of determinacy

Arindam Chakrabarti

On absence of omnipresent properties and impossible sky-flowers: heterologous absences in a logical ontology

12:00–12:30 **Igor Stephan**

A unified framework for certificate and compilation for QBF

12:30–12:45

Thanks and closing remarks

12:45–14:00

Lunch

Afternoon

Excursion to Mahabalipuram

Siesta

15:30

Movie in Ramanujan Auditorium