

7 January 2009

8:00–9:00

Registration

Invited Talk

**Chair:** Kamal Lodaya

9:00–10:30 **Ian Hodkinson/Robin Hirsch**

Tutorial on relation algebras

10:30–10:40 Discussion

10:40–11:00

Coffee

Invited Talk

**Chair:** M K Chakraborty

11:00–12:00 **Hiroakira Ono**

Tutorial on substructural logics

12:00–12:10 Discussion

**Chair:** Mohua Banerjee

12:10–12:40 **Jayanta Sen**

MV-algebra extended

12:40–14:00

Lunch

Invited Talk

**Chair:** N Raja

14:00–15:00 **Ian Hodkinson/Robin Hirsch**

Games

15:00–15:10 Discussion

15:10–15:30

Coffee

Invited Talk

**Chair:** Ranjan Mukhopadhyay

15:30–17:00 **Peter Jipsen**

Tutorial on residuated lattices

17:00–17:10 Discussion

8 January 2009

Invited Talks

**Chair:** Kamal Lodaya

9:00–10:00 **Ian Hodkinson**  
Completeness and canonicity

10:00–10:10 Discussion

10:10–11:10 **Robin Hirsch**  
Constructing relation algebras with appropriate representation properties:  
the “Rainbow Algebra”

11:10–11:20 Discussion

11:20–11:40 Coffee

**Chair:** Mohua Banerjee

11:40–12:10 **Yoshihiro Maruyama**  
Universal algebraic extensions of Stone dualities for distributive lattices and  
Heyting algebras

12:10–12:40 **Md Aquil Khan**  
Algebraic semantics for the logic of multiple-source approximation systems

12:40–14:00 Lunch

Invited Talk

**Chair:** M K Chakraborty

14:00–15:00 **Hiroakira Ono**  
An algebraic view of logical properties of substructural logics

15:00–15:10 Discussion

15:10–15:30 Coffee

Invited Talk

**Chair:** Ranjan Mukhopadhyay

15:30–16:30 **Peter Jipsen**  
Semantics of residuated lattices

16:30–16:40 Discussion