

CONFERENCE PROGRAMME
APPLICATIONS OF ALGEBRA IN LOGIC
AND COMPUTER SCIENCE XIX
ZAKOPANE, 9TH—15TH MARCH 2015

TUESDAY, MARCH 10TH

Morning session.

- 9.50 Opening
- 10.00 Grzegorz Malinowski
Logical three-valuedness and beyond
- 10.45 Zofia Kostrzycka
On Brouwer logics determined by k -branching nets of clusters
- 11.15 Coffee break
- 11.45 Maciej Bendkowski, Katarzyna Grygiel, Marek Zaionc
Asymptotic properties of combinatory logic

Afternoon session.

- 16.30 Aleksandra Kiślak-Malinowska
Semantics of tupled pregroup grammars
- 17.00 Barbara Dziemidowicz-Gryz
On learnability of the classes of minimal grammars with respect to some linear preordering relations
- 17.30 Coffee break

Special session.

- 18.00 Ewa Malinowska
Old age in the minds of men and women

WEDNESDAY, MARCH 11TH

Morning session.

10.00 Wojciech Dzik

*Structural completeness in products of some modal logics and in
Relation algebras*

10.45 Ângela Mestre

Enumerating noncrossing partitions via Catalan arrays

11.15 Coffee break

11.45 Jerzy Pogonowski

Odyssey of the Mathematical Mind

20.00 Conference dinner.

THURSDAY, MARCH 12TH

Morning: Trip.

Afternoon session.

- 16.00 Katarzyna Troczka-Pawelec
K-continuity of K-subquadratic multifunctions with respect to weakly K-boundedness
- 16.30 Mirosława Kołowska-Gawiejnowicz
Linguistic applications of Lambek-Grishin calculus
- 17.00 Coffee break
- 17.30 Marcin Łazarz
*Distributivity for upper continuous and strongly atomic lattices—
a new characterization*
- 18.00 Emilia Halušková
Monounary algebras with easy direct limits

FRIDAY, MARCH 13TH

Afternoon session.

16.30 Agnieszka Zbrzezny

A comparison of SAT-based and SMT-based bounded model checking methods for Weighted Interpreted Systems and for WECTL

17.00 Andrzej Zbrzezny

On Encodings of Transition Relation for Parallel Composition of Transition Systems

17.30 Coffee break

Special session.

18.00 Kazimierz Czarnota

The notion of infinity in logic, algebra and set theory

SATURDAY, MARCH 14TH

Morning session.

10.00 Sławomir Kost

Rooted Frames for Fusions of Some Polimodal Logics

10.30 Małgorzata Kruszelnicka

Kripke Models for Intuitionistic First-Order Logic – Describing Theories of Worlds

11.00 Jurij Povstenko

Mechanics and geometry. Part II

11.30 Coffee break