

Frames: Algebra vs. Topology.

Gainesville, FL * December 3-5, 2009

Thursday, December 3rd. Morning Session:

9:00-9:15 Introductory Remarks

9:20-10:00 Aleš Pultr (Charles University, Czech Republic)

Uniformity and approximation, I.

10:20-11:00 Peter T. Johnstone (Cambridge University, UK)

DeMorganization: a challenge from topos theory to locale theory.

11:20-12:00 Bernhard Banaschewski (McMaster University, Canada)

Essential completions, I.

Thursday, December 3rd. Afternoon Session:

2:00-2:40 Warren Wm. McGovern (Bowling Green State, USA)

A survey of algebraic frames, I.

3:00-3:40 Anthony W. Hager (Wesleyan University, USA)

A frame-theoretic feature of the ℓ -group of Baire functions.

4:00-4:40 Richard N. Ball (University of Denver, USA)

In the κ -briar patch, I.

5:00-5:40 Christopher J. Mulvey (University of Sussex, UK)

Algebraic and topological aspects of étale groupoids.

Friday, December 4th. Morning Session:

9:00-9:40 Bernhard Banaschewski (McMaster University, Canada)
Essential completions, II.

10:00-10:40 Jorge Picado (University of Coimbra, Portugal)
Rings of (extended) real functions in frames.

11:00-11:40 Richard N. Ball (University of Denver, USA)
In the κ -briar patch, II.

12:00-12:40 Jorge Martínez (University of Florida, USA)
Epicompletion in frames with skeletal maps.

Friday, December 4th. Afternoon Session:

3:00-3:40 Aleš Pultr (Charles University, Czech Republic)
Uniformity and approximation, II.

4:00-4:40 Peter Jipsen (Chapman University, USA)
On domain semigroups, stably supported quantales and frames.

5:00-5:40 Warren Wm. McGovern (Bowling Green State, USA)
A survey of algebraic frames, II.

Saturday, December 5th. Morning Session:

9:00- 9:40 Warren Wm. McGovern (Bowling Green State, USA)

A survey of algebraic frames, III.

10:00-10:40 James J. Madden (Louisiana State, USA)

Presentations of frames by generators and relations: old and new applications.

11:00-11:40 Aleš Pultr (Charles University, Czech Republic)

Uniformity and approximation, III.

Saturday, December 5th. Afternoon Session:

2:00-2:40 Richard N. Ball (University of Denver, USA)

In the κ -briar patch, III.

3:00-3:40 Fred Dashiell (UCLA, USA)

The equivalence of Boolean algebras carrying a subordination relation and perfect irreducible surjections.

4:00-4:40 Bernhard Banaschewski (McMaster University, Canada)

Essential completions, III.