

Workshop “Algebra across the borders”

Yeshiva University, New York

August 8-12, 2011

Schedule of presentations  
and social events

Sunday, August 7

Travel day: arrival of participants

Monday, August 8

Mamaroneck Town Hall

9:00 Opening of the workshop

9:30 – 12:00 Recent results on the bases of closure systems

Kira Adaricheva (YU) and JB Nation (University of Hawaii)

Coffee-break 10:45-11:00

12:00-13:30 Lunch

13:30-14:45 Survey on algorithms producing all closed sets

Marcel Wild, University of Stellenbosch, South Africa

14:45-15:00 Coffee break

15:00 – 16:15 Quandles and the Towers of Hanoi

Robert McGrail, Bard College, NY

16:30 – 18:00 Walk in the Mamaroneck Harbor Park

18:00 Dinner in Mamaroneck

Tuesday, August 9

Stern College, mid-town Manhattan

Koch Auditorium

Coffee 10:15-10:30

10:30 – 11:45 Principle of exclusion (continuation)

Marcel Wild, University of Stellenbosch

12:00 – 13:15 Survey on Hereditary classes of relational structures

Maurice Pouzet, University of Lyon, France

13:30-14:45 Lunch

14:45 – 16:00 Reducing the Multiple-instance Learning to Classification using the Boosting Framework

Marina Langlois, Yeshiva University

16:00 – 16:15 coffee break

16:15-17:15 Formulating supervised machine learning solutions to biological problems,

Robert Langlois, Columbia University

After 17:30

Open plans for social program in Manhattan

Wednesday, August 10

Mamaroneck Town Hall

9:30 – 10:45 Survey on permutohedra and associahedra

Tristan Holmes, University of Hawaii

10:45-11:00 Coffee break

11:00- 12:00 Survey on barycentric algebras

Jonathan Smith, Iowa State University

12:00 – 13:30 Lunch in Mamaroneck

13:45-15:00 Barycentric Hopf algebras (continuation)

Jonathan Smith

15:00 – 15:15 Coffee break

15:15 – 16:30 Exotic barycentric algebras

Anna Romanowska, Warsaw University of technology

18:00-21:00 Dinner at Adarichevs in New Rochelle

Live music in the program

August 11, Thursday

Stern College, Manhattan

Koch Auditorium

10:30 – 11:30 Survey on median rule in consensus theory

Kira Adaricheva

11:30-11:45 Coffee break

11:45 – 12:45 Survey on aggregation theory

Agata Pilitowska, Warsaw University of Technology

13:00 – 14:30 Lunch

14:30 – 15:30 Bisymmetry and commuting functions  
(continuation)

Agata Pilitowska

15:30-16:00 coffee break

16:00-17:15 What is a finite lattice?

JB Nation, University of Hawaii

After 17:30

Open social program in Manhattan

August 12, Friday

Yeshiva College, up-town Manhattan

Belfer Hall, room 515

10:00 -11:15 Finite segments of harmonic series

Donald Silberger, SUNY New Paltz

11:15-11:30 Coffee break

11:30 – 12:45 Survey on chains in algebraic lattices

Maurice Pouzet, University of Lyon

13:00-13:30 Open problems session

13:30 Closing of the workshop

13:30-14:30

Lunch in up-town

14:30-17:15

Excursion to the Cloisters Museums and Gardens

Fort Tryon park, up-town Manhattan