

Applications of Methods of Stochastic Systems and Statistical Physics in Biology

SCHEDULE OF EVENTS

Friday October 28, 2005
McKenna Hall Auditorium

7:30 – 8:15 Registration (Main Desk, McKenna Hall)

8:15 – 8:30 Opening Address:
Joseph Marino, Dean, College of Science

SESSION I

Chair: Mark Alber

8:30 – 9:10 L. Glass (McGill University, Canada)

9:10 – 9:50 H. Levine (University of California – San Diego)

9:50 – 10:05 BREAK

10:05 – 10:45 B. Goldstein (Los Alamos National Laboratory)

10:45 – 11:45 Plenary Lecture:
D. Bray (Cambridge University, UK)

11:45 – 1:15 LUNCH

SESSION II

Chair: Stuart Newman

1:15 – 1:45 D. Kaiser (Stanford University)

1:45 – 2:15 R. Goldstein (University of Arizona – Tuscon)

2:15 – 2:45 Z. Toroczkai (Los Alamos National Laboratory)

2:45 – 3:15 T. Lipniacki (Polish Academy of Sciences)

3:15 – 3:45 B. Birnir (University of California – Santa Barbara)

3:45 – 4:00 BREAK

SESSION III

Chair: Yi Jiang

4:00 – 4:20 J. Peng (University of Notre Dame)

4:20 – 4:40 R. De Ruyter (Indiana University – Bloomington)

4:40 – 5:00 B. Schmittmann (Virginia Polytechnic Institute and State University)

5:00 – 5:20 P. Atzberger (Rensselaer Polytechnic Institute)

5:20 – 5:40 P. Kramer (Rensselaer Polytechnic Institute)

5:40 – 6:00 A. Madzvamuse (Auburn University)

6:00 – 6:20 T. Glimm (Western Washington University)

6:20 – 6:40 D. Milutinovic (Utrecht University, The Netherlands)

6:40 – 7:00 M. Swat (Indiana University, Bloomington)

7:00 – 9:00 Poster Session and Reception

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SCHEDULE OF EVENTS

Saturday October 29, 2005
102 DeBartolo Hall

7:45 – 8:30 Coffee and Bagels

SESSION I

Chair: James Glazier

8:30 – 9:10 A. Levchenko (Johns Hopkins University)

9:10 – 9:50 S. Panfilov (Utrecht University, The Netherlands)

9:50 – 10:05 BREAK

10:05 – 10:45 A. Garcia (Rensselaer Polytechnic Institute)

10:45 – 11:45 Miller Lecture in Biophysics:
A. Libchaber (Rockefeller University)

11:45 – 1:15 LUNCH (CCE Lower Level Dining Room)

SESSION II

Chair: Dale Kaiser

1:15 – 1:45 D. Odde (University of Minnesota)

1:45 – 2:15 J. Pearson (Los Alamos National Laboratory)

2:15 – 2:45 U. Tauber (Virginia Polytechnic Institute and State University)

2:45 – 3:15 H. Hentschel (Emory University)

3:15 – 3:30 BREAK

SESSION III

Chair: James Keener

3:30 – 3:50 S. Schnell (Indiana University – Bloomington)

3:50 – 4:10 G. Huber (University of Connecticut Health Center)

4:10 – 4:30 I. Derenyi (Eotvos University, Hungary)

4:30 – 4:50 F. Alexander (Los Alamos National Laboratory)

4:50 – 5:10 D. Anderson (Duke University)

5:10 – 5:30 L. Sander (University of Michigan)

5:30 – 6:30 RECEPTION (Notre Dame Room, Morris Inn)

6:30 – 7:30 Public Lecture:
A. Perelson (Los Alamos National Laboratory)

8:00 ND Concert – Dawn Upshaw and Eighth Blackbird

Applications of Methods of Stochastic Systems and Statistical Physics in Biology

SCHEDULE OF EVENTS

Sunday October 30, 2005
102 DeBartolo Hall

7:45 – 8:30	Coffee and Bagels
<u>SESSION I</u>	
<i>Chair: Alan Perelson</i>	
8:30 – 9:10	H. Othmer (University of Minnesota)
9:10 – 9:50	A. Mogilner (University of California – Davis)
9:50 – 10:05	BREAK
10:05 – 10:45	J. Keener (University of Utah)
10:45 – 11:45	Special Lecture in Mathematical Biology: A. Friedman (Mathematical Biosciences Institute, Ohio State University)
11:45 – 1:15	LUNCH (CCE Lower Level Dining Room)
<u>SESSION II</u>	
<i>Chair: Holly Goodson</i>	
1:15 – 1:45	D. Summers (Florida State University)
1:45 – 2:15	Y. Kevrekidis (Princeton University)
2:15 – 2:45	A. Deutsch (Technical University Dresden, Germany)
2:45 – 3:15	T. Newman (Arizona State University)
3:15 – 3:45	G. Forgacs (University of Missouri – Columbia)
3:45 – 4:00	BREAK
<u>SESSION III</u>	
<i>Chair: Alex Panfilov</i>	
4:00 – 4:20	I. Kosztin (University of Missouri – Columbia)
4:20 – 4:40	T. van Erp (Ecole Normale Supérieure de Lyon, France)
4:40 – 5:00	P. Borowski (Max Planck Institute for the Physics of Complex Systems, Germany)
5:00 – 5:20	V. Krstic (University of Zagreb, Croatia)
5:20 – 5:40	R. Etienne (University of Groningen, The Netherlands)