



VICTOR ROTHSCHILD MEMORIAL SYMPOSIA

THE INSTITUTE FOR ADVANCED STUDIES
AT
THE HEBREW UNIVERSITY

18th Jerusalem Summer School in Economic Theory

**“ECONOMIC ASPECTS OF COMMUNICATION AND
INFORMATION”**

12 - 20 June 2007

Director: **Kenneth J. Arrow** (Stanford University)

Co-director: **Eyal Winter** (The Hebrew University)

Supported by THE CENTER FOR THE STUDY OF RATIONALITY

PROGRAM

Tuesday, June 12

- 09:00-09:30 Registration
- 09:30-10:30 **Kenneth J. Arrow:** Opening Session
- 10:30-11:00 *Coffee break*
- 11:00-12:30 **Antoni Calvó-Armengol** (Universitat Autònoma de Barcelona)
Networks of information transmission: Job-contacts
- 12:30-14:00 *Lunch*
- 14:00-15:30 **Noam Nisan** (Hebrew University)
Communication complexity in computer science: Concepts and measures
- 16:30 *Reception at IAS lobby*

Wednesday, June 13

- 09:00-10:30 **Kenneth J. Arrow**

Basic definitions and a portfolio model

- 10:30-11:00 *Coffee break*
- 11:00-12:30 **Antoni Calvó-Armengol**
Games on networks
- 12:30-14:00 *Lunch*
- 14:00-15:30 **Ilya Segal** (Stanford University)
Communication measures in economics

Thursday, June 14

- 09:00-10:30 **Kenneth J. Arrow**
Comparison of signals
- 10:30-11:00 *Coffee break*
- 11:00-12:30 **Antoni Calvó-Armengol**
Network formation: Graphs
- 12:30-14:00 *Lunch*
- 14:00-15:30 **Ilya Segal**
Communication requirements and prices in social choice

Friday, June 15

- 09:00-10:30 **Antoni Calvó-Armengol**
Network formation: Random graphs
- 10:30-11:00 *Coffee break*
- 11:00-12:30 **Eyal Winter**
Information among peers in organizations I
- 12:30-14:00 *Lunch*

Saturday, June 16

Massada Tour

Sunday, June 17

- 10:30-12:00 **Kenneth J. Arrow**
Measures of information
- 12:00-14:00 *Lunch*
- 14:00-15:30 **Eyal Winter**
Information among peers in organizations II

Monday, June 18

- 09:00-10:30 **Ilya Segal**
Applications to market design
- 10:30-11:00 *Coffee break*
- 11:00-12:30 **Noam Nisan**
Communication and welfare in combinatorial auctions I
- 12:30 Jerusalem Tour (including lunch at the Ramat Rachel Guest House)

Tuesday, June 19

- 09:00-10:30 **Kenneth J. Arrow**
Information, returns to scale, and the distribution of income
- 10:30-11:00 *Coffee break*
- 11:00-12:30 **Noam Nisan**
Communication and welfare in combinatorial auctions II
- 12:30-14:00 *Lunch*
- 14:00-16:00 Students' Poster Presentations
- 19:00 *Closing dinner: Anna Ticho garden restaurant*

Wednesday, June 20

- 10:30-12:00 **Noam Nisan**

The price of anarchy in communication networks

12:00-14:00	<i>Lunch</i>
14:00-15:30	Ilya Segal <i>Incentives and communication costs</i>
15:30-16:00	<i>Coffee break</i>

Note: Ph.D. students of the Hebrew University who participate daily in the School can get 2 point credits (n"z). Please register every morning with the secretary, Shani.