

December 17 , 2008

Morning (plenary meeting)

Venue: Room 202, East Sub-building, Guang Hua Tower

8:30-9:00	Registration (East Sub-buidling, GuangHua Tower)
9:00-9:20	opening ceremony
9:20-10:10	plenary lecture (Prof. Ma Zhi-Ming, CAS, Beijing)
10:10-10:30	group photo
10:30-11:00	Tea break
11:00-11:50	plenary lecture (Prof. Craig Evans, UC, Berkeley)

Afternoon

(special session)

	Chair: Klaus Sutner
13:30-14:00	Yue Liu, Diameter-preserving spanning trees in sparse weighted graphs
14:00-14:30	Xinmao Wang, Light number of sigma-games on a graph with tree-order structure
14:30-15:00	Rosena R.X. Du, Counting labelled trees with given indegree sequence
15:00-15:30	tea break
	Chair: Xiao-Dong Zhang
15:30-16:00	Jacobus Koolen, The Bannai-Ito Conjecture
16:00-16:30	Yeong-Nan Yeh, Some properties of the various lattice paths

16:30-17:00	Fan Chung, The diameter of random spanning trees in a graph
Evening (free)	

December 18 , 2008	
Morning(special session)	
	Chair: Aihua Li
8:30-9:00	Reinhard Laubenbacher, The dynamics of conjunctive Boolean networks
9:00-9:30	Matthew Macauley, The combinatorics of discrete dynamical systems and Coxeter theory
9:30-10:00	José María Amigó, On the permutations realized by the signed shifts
10:00-10:30	tea break
	Chair: Reinhard Laubenbacher
10:30-11:00	Aihua Li, Second order Sturm-Liouville difference equations with parameters in the boundary conditions
11:00-11:30	Fu Liu, Combinatorial bases for multilinear parts of free algebras with two compatible brackets
11:30-12:00	Stefan Grunewald, Generalized triangulations of convex polygons
Afternoon (special session)	
	Chair: Renling Jin
13:30-14:00	Teturo Kamae, Uniform complexity function
14:00-14:30	Bo Tan, Sturmian sequences and invertible substitutions
14:30-15:00	Taoyang Wu, Cyclic balanced words and cycle packing
15:00-15:30	tea break

	Chair: Stefan Grunewald
15:30-16:00	Qiang Li , Measuring genome distances based on word repertoire
16:00-16:30	Cheng Zhao, On finding Lagrangians of hypergraphs
16:30-17:00	Xinyu Sun, A new algorithm for the recursion of hypergeometric multisums with improved universal denominator

Evening (public lecture)

Speaker: Prof. James Glimm, President of AMS)

Title: One Mathematician's View of the Growing Role of Mathematics across Science and Beyond

Venue: Room 202, East Sub-building, Guang Hua Tower

December 19 , 2008

Morning

(Plenary Meeting)

Venue: Room 202, East Sub-building, Guang Hua Tower

9:00-9:50	Plenary lecture (Prof. Robert Bryant, MSRI)
9:50-10:30	tea break
10:30-11:20	Plenary lecture (Prof. Zhang Wei-Ping, Chern Inst.)

Afternoon

(free)

Evening

(banquet)

Time: 18:00-21:00

Venue: The 8th floor, Shanghai Grand Theatre at People's Square

No. 200, East Huang Pi Rd.

December 20, 2008

Morning

(special session)

	Chair: Bo Tan
8:30-9:00	Simone Severini, Dynamics of quantum networks: perfect state transfer and evolution
9:00-9:30	Wolfgang Krieger, Presentations of subshifts by symbolic matrices with entries in a graph inverse semigroup
9:30-10:00	Sergey Savchenko, Zeta functions and Gibbs measures
10:00-10:30	tea break
	Chair: Yeong-Nan Yeh
10:30-11:00	Yijia Chen, The complexity of induced subgraph isomorphisms
11:00-11:30	Jing Huang, Polymorphisms and homomorphisms of (di-)graphs

11:30-12:00	Klaus Sutner, Discrete dynamics and incompleteness
Afternoon (special session)	
	Chair: Jing Huang
13:30-14:00	Rudolf Fleischer, Some little combinatorial problems in discrete geometry and on graphs
14:00-14:30	Jin Ho Kwak, Enumerating chiral maps on surfaces
14:30-15:00	Bau-Sen Du, On the nature of chaos
15:00-15:30	tea break
	Chair: Yaokun Wu
15:30-16:00	Renling Jin, Plunnecke's graph and applications to density problems
16:00-16:30	Xiao-Dong Zhang, Laplacian eigenvalues and consensus problems on small-world networks
16:30-17:00	Avraham Trahtman, Road Coloring Problem: implementation and visualization of the algorithm
Evening (free)	

December 21 , 2008	
Morning (Plenary meeting)	
Venue: Room 202, East Sub-building, Guang Hua Tower	
9:00-9:50	plenary lecture (Prof. Richard Schoen, Stanford)
9:50-10:30	tea break

10:30-11:20	plenary lecture(Prof. Yuan Xiao-Ping, Fudan)
11:20-11:40	closing ceremony
Afternoon (free)	