

The Third ICGI Workshop Program

Nanjing, People's Republic of China

June 3-6, 2002

Monday, June 3, 2002: Nanjing International Conference Center

Time	Activities
8:00 - 18:00	Registration
15:00 - 20:00	Poster Setup
18:00 - 20:00	Reception and Mixer

Tuesday, June 4, 2002: Nanjing Agricultural University and International Conference Center

Session 1: Opening Ceremony and Nanjing Agricultural University Tour		
Time	Activities	
8:10 - 8:40	Opening Ceremony Chaired by Dr. Tianzhen Zhang, International Conference Center, Nanjing Agricultural University Welcome remarks by Dr. X. Y. Chen, Director of Institute of Plant Physiology & Ecology, CAS Welcome remarks by Dr. S. X. Yu, Chairman of Society of Cotton Sciences in China/CRI, CAAS Welcome remarks by Dr. G. H. Zhou, Vice President of Nanjing Agricultural University Workshop remarks by Dr. John Z. Yu, International Organizing Committee for 3rd ICGI Workshop	
8:40 - 8:50	Photo Assembly	
8:50 - 10:00	Tour National Key Laboratory and CRI of NAU Organized by Dr. Tianzhen Zhang	
10:00 - 10:20		
Coffee Break		
Session 2: Plenary Lectures, Chaired by Dr. Marc Giband & Dr. John Z Yu		
Time	Presenter	Title
10:20 - 10:50	Dr. L. May & Dr. R. Cantrell	ICGI: Past, Present, and Future Direction
10:50 - 11:20	Dr. T. Z. Zhang	Molecular Tagging of Fiber Quality and Yield QTLs and Their MAS Breeding in China
11:20 - 11:50	Dr. Y. X. Zhu	Current Status and Progresses in Chinese Cotton Genomic Research
11:50 - 13:30		
Lunch and Poster, Nanjing International Conference Center		

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Session 3: Linkage Mapping & QTL Analysis, Chaired by Dr. A. Paterson, Dr. T. Z. Zhang, & Dr. C. Brubaker		
Time	Presenter	Title
13:30 - 14:00	Dr. Junkang Rong	Comparative Mapping of Cotton and Arabidopsis
14:00 - 14:30	Dr. J-M Lacape	Overview of Activities and Major Achievements in Molecular Genetics at CIRAD/France
14:30 - 15:00	Dr. Curt Brubaker:	Genetic Linkage Mapping of the Diploid <i>Gossypium</i> Species
15:00 - 15:20	Dr. Wangzhen Guo	Construction of Molecular Linkage Map of Cultivated Allotetraploid Cotton (<i>Gossypium hirsutum</i> L.× <i>Gossypium barbadense</i> L.) with SSR and RAPD Markers
15:20 - 15:40	Dr.Mehboob-ur-Rahman	Identification of DNA Markers for Cotton Leaf Curl Disease (CLCD) in Cotton (<i>Gossypium hirsutum</i> L.)
15:40 - 16:00	Dr. C. D. Mayee	Molecular Characterization for Leaf Curl Virus Resistance in Cotton
16:00 - 16:20 Coffee break		
Session 4 : Physical Mapping, Chaired by Dr. Hong-B in Zhang & Dr. John Z. Yu		
Time	Presenter	Title
16:20 - 16:50	Dr. Andrew H. Paterson	Toward a Genetically -anchored Physical Map of the Cotton Genomes
16:50 - 17:20	Dr. John Z. Yu	Toward Development of a Whole-genome, BAC/BIBAC-based Integrated Physical/Genetic Map of the Cotton Genome Using the Upland Genetic Standard TM-1: BAC and BIBAC Library Construction, SSR Marker Development, and Physical/Genetic Map Integration
17:20 - 17:50	Dr. Hongbin Zhang	Toward a Whole-genome, BAC/BIBAC-based Integrated Physical/Genetic Map of the Cotton Genome Using the Upland Cotton Genetic Standard TM-1: BAC Fingerprinting and Physical Map Contig Construction
17:50 - 18:10	Dr. Osama Momtaz	Construction of BAC Library for Egyptian Cotton Varieties
18:10 - 19:30 Dinner, Nanjing International Conference Center		
19:30 - 22:00 Amersham Pharmacia Workshop, and Poster Nanjing International Conference Center		

Wednesday, June 5, 2002: Nanjing International Conference Center

Session 5 : Functional Genomics, Chaired by Dr. Thea A.Wilkins , Dr. Xiaoya Chen & Dr. Norma L. Trolinder		
Time	Presenter	Title
8:00 - 8:30	Dr. N. L. Trolinder & Dr. T. A. Wilkins	Creation of a Gene Knockout Population of Cotton
8:30 - 9:00	Dr. T A. Wilkins	Cotton Functional Genomics: Lessons Learned from the <i>Gossypium arboreum</i> L. Fiber dbEST and Expression Profiling using cDNA Microarrays
9:00 - 9:30	Dr. Xiaoya Chen	Functional Genomic Studies of Cotton Fiber Development
9:30 - 9:50	Dr. Yongbiao Xue	An Introduction to China Rice Functional Genomics Program
9:50 - 10:10	Mr. Huiying Li	Differential Expression of Genes during Somatic Embryogenesis in Upland Cotton
10:10 - 10:15	Dr. Jinyuan Liu	Analysis of Functional Genes for Cotton Fiber Development
10:15 - 10:30	Coffee Break	
10:30 - 10:50	Dr. Zhixing Wang	Development of Transgenic Cotton Resistant to Fungal Diseases and of Mutants by T-DNA Insertional Mutagenesis
10:50 - 11:10	Dr. Guixian Xia	Preferential Expression of Two Cytoskeletal Genes in Developing Cotton Fibers
11:10 - 11:30	Dr. Yusuf Zafar	Development of Gene Expression and Gene Silencing Vectors Based on Cotton Leaf Curl Virus for Functional Genomics in Cotton
11:30 - 11:50	Dr. Jinfeng Suo	Expressional Profiling of Genes Related to Cotton Fiber Initiation and Isolation of GhIAA16 Homologus to <i>Arabidopsis</i> IAA16
11:50 - 12:10	Dr. K. M. Soliman	Isolation, Identification and Characterization of Gene s Differentially Expressed between Pima and Upland Cotton Fibers
12:10 - 13:30	Lunch and Poster; Nanjing International Conference Center	

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Session 6 : Genetic Resources, Chaired by Dr. D. M. Stelly, Dr. R. G. Percy, & Prof. K. B. Wang		
Time	Presenter	Title
13:30 - 14:00	Dr. D. M. Stelly	Cytogenetics and the Utilization of <i>Gossypium</i> Germplasm
14:00 - 14:30	Dr. C. D. Mayee	Current Status of Cotton Genome Resource in India and Initiative on Utilization of Gene Pool through Molecular Technologies
14:30 - 15:00	Dr. R. G. Percy	<i>Gossypium</i> Germplasm Resources
15:00 - 15:20	Dr. K. B. Wang	<i>Gossypium</i> Germplasm Resources in China
15:20 - 15:40	Dr. X. L. Zhang	Genetic Diversity in Upland Cotton (<i>Gossypium hirsutum</i> L.) Cultivars Based on RAPDs and SSRs
15:40 - 16:00	Dr. S. Saha	Chromosome Substitution Lines in Cotton Improvement
16:00 - 16:20	Dr. M. F. Sanamyan	Development and Use of Radiation-induced Chromosomal Translocations and Primary Monosomics of Cotton (<i>G. hirsutum</i> L.)
16:20 - 16:40 Coffee break		
Session 7: Bioinformatics, Chaired by Dr. R. J. Kohel & Dr. J. Zhu		
Time	Presenter	Title
16:40 - 17:10	Dr. R. J. Kohel	Cotton Databases and Web Resources
17:10 - 17:40	Dr. Jun Zhu	Bioinformatics and Molecular Breeding
17:40 - 18:00	Dr. R. Jagannathan	Phylogenetic Analysis of Drought Responsive ATMYB2 Proteins
18:00 - 19:30 Evening City Tour		
19:30 - 21:00 Red Sun Seed Dinner at Fuzi Temple and Entertainment		

Thursday, June 6, 2002: Nanjing International Conference Center and Nanjing Agricultural University

Session 8: ICGI Business, Chaired by Dr. L. May & Dr. C. Brubaker	
Time	Activities
8:00 - 8:50	Workgroup Reports (10 min/group)
8:50 - 9:40	Open Discussion on ICGI Structures: Work Groups, Advisory Committee, and Steering Committee
9:40 - 10:00	
Coffee break	
10:00 - 12:00	Open Discussion on Sharing of Resources, Collaborative Efforts, Public/private Interactions, Website, Funding, etc.
12:00 - 13:00	
Lunch, Nanjing International Conference Center	
Session 9: Field Trip, Organized by Dr. Tianzhen Zhang	
Time	Activities
13:00 - 15:30	Cotton Breeding Station Tour, CRI/NAU
15:30 - 17:30	City tour
17:30 - 18:30	Back to Hotel
18:30 - 21:00	Closing banquet (Remarks by Dr. Tianzhen Zhang & Dr. Lloyd May)