

WORLD COTTON RESEARCH CONFERENCE-5

Renaissance Convention Centre, Mumbai 7-11 November 2011

	7 th November		8 th November	9 th November	10 th November	11 th November
8.00	Registration	8.00	Registration	Registration	Registration	
9.00	POSTER SESSION	9.00	Plenary papers (3)	Plenary papers (3)	Plenary papers (3)	Plenary papers (3)
11.00	Inaugural Session	11.00	Tea	Tea	Tea	Tea
13.00	LUNCH	11.30	Concurrent sessions	Concurrent sessions	Concurrent sessions	Special Sessions
14.00	Panel Discussion-1 GM Cotton		1-6	13-18	19-24	1. ICGI
		14.00	Lunch	Lunch	Lunch	2. Cotton Mechanization
15.30	Tea	15.00	Concurrent sessions	Panel Discussion-2 Insecticides: What next?	Concurrent sessions	13.00 to 14.00 hrs
16.00	Plenary papers (3)		7-12	Panel Discussion-3 Fiber quality: Textile needs	25-30	VALEDICTORY
						14.00 hrs Lunch
		17.30	Tea	17.00: Tea	17.30: Tea	
18.30	Cultural Programme			18.30 hrs: Fashion Show		
20.00	Dinner			20.00 hrs Dinner		

CONCURRENT SESSIONS

	Subject Area-1	Subject Area-2	Subject Area-3	Subject Area-4	Subject Area-5	Subject Area-6
Concurrent Sessions: 1-6	Molecular Biology of Fibre	Genetic enhancement	Efficacy of gene stacks	Crop Production	Economics of Cotton Production Systems	Value Addition
Concurrent Sessions: 7-12	Molecular Genetic Diversity	Elite Varietal Development	Emerging Pests	Water Management	Crop Production Technologies	Fiber Quality Testing
Concurrent Sessions: 13-18	Genetic Enhancement	Heterosis Breeding	Novel Approaches for Pest Management	Climate Change and Adaptation	Crop Establishment & Production Technologies	Value Addition and Textiles
Concurrent Sessions: 19-24	Fiber Biology	Heterosis for Yield and Other Traits	Integrated Pest Management	Disease Management	Combating Salt Stress	Social Dynamics and Technology Transfer
Concurrent Sessions: 25-30	Crop Improvement	Drought and Heat tolerance	Insect Pest Management	Weed Management	Leaf Curl Virus Management	Fiber Processing
Special Sessions: 1-2	ICGI Special Session	Cotton Mechanization				

*Each session will begin with a lead speaker in each subject area followed by four oral presentations.

7th November (Monday)**World Cotton Research Conference-5, November 7-11, 2011, Mumbai, India**

8.00	Registration
9.00	POSTER SESSION
11.00	Inaugural Session
13.00	Lunch
	Panel Discussion 1 'GM Cotton'. Chairman: Dr. Dutta, S.K., ICAR, India; Co-Chairman: Mr. Bhagirath Choudhary, ISAAA, India
14.00	Introductory Remarks
14.10	Panelists Remarks and discussion: Dr C. D. Mayee, Dr S. A. Patil, Dr. Manjunath, Dr. Leigh English and Mr Haroldo Cunha
15.20	Concluding Remarks,
15.30	Tea
	Plenary session I Chairman: ; Dr. Pandey, M.M., ICAR, India, Co-chairman: Mr. Vidyasagar, P., Vibha Seeds, India
16.00	Introduction of speakers by co-chairman
16.10	Dr. Md. Rafiq Chaudhry , ICAC, Washington, USA: New directions in cotton production research
16.40	Dr. Cantrell Roy , Monsanto, USA: Blending biotechnology and breeding
17.10	Dr. Wu Yidong , NAU, China: Insect resistance to biotech cotton
17.40	Questions & Discussion
17.50	Closing Remarks by Chairman
18.30	Cultural programme
20.00	Dinner

8th November (Tuesday)**World Cotton Research Conference-5, November 7-11, 2011, Mumbai, India**

8.00	Registration
	Plenary Session II: Chairman: Dr. Kater Hake, Cotton Incorporated, US; Co-Chairman: Dr. Ramasamy, M., Rasi Seeds Pvt. Ltd, India
9.00	Introduction of speakers by co-chairman
9.10	Dr. Barwale, R. MD , Mahyco, India: Experiences with biotech cotton, the first GM crop in India
9.40	Dr. Ed Barnes , Director, AER, USA: Lifecycle assessment of the textile chain
10.10	Dr. M. D. Teli , ICT, Mumbai, India: R& D in Chemical Processing of Cotton
10.40	Questions & Discussion
10.50	Closing Remarks by Chairman
11.00	Tea

8th Nov 2011 (Tuesday)**Concurrent Sessions: 1-6 World Cotton Research Conference-5, November 7-11, 2011, Mumbai, India**

	Session-1	Session-2	Session-3	Session-4	Session-5	Session-6
	Molecular Biology of Fibre	Genetic enhancement	Efficacy of gene stacks	Crop Production	Economics-Production Systems	Value Addition
Chairman	Dr. Edwin Vossen, Netherlands	Dr. Jean Louis Belot, Brazil	Dr. Rami Horowitz, Israel	Dr Ivan Kennedy, Australia	Dr. Sukant Mishra, Texas, USA	Dr. Sreenivasan,S. India
Co-Chair	Dr. Chaporkar, C.B. India	Dr. Dagaonkar,V.S. India	Dr. Mohan K S India	Dr. Kumar, V. India	Dr. Jeanne Reeves USA	Dr. E. Lukonge Tanzania
11.30	Opening Remarks	Opening Remarks	Opening Remarks	Opening Remarks	Opening Remarks	Opening Remarks
11.40	Siva Reddy, V. India	Michalakopoulos, P Greece	Thompson, Gary, US	Mancini, Francesca Italy	Tezel, Gokhan Turkey	Nachane,R.P. India
	Dynamics of transcriptome and proteome during cotton fiber development.	Divergent selection for yield and earliness in cotton (<i>G. hirsutum</i>).	Efficacy of Widestrike® insect protected cotton from Dow Agrosiences in Argentina, Australia, Brazil, Mexico, Spain and the United States.	Save and Grow, the new FAO frameworks for sustainable intensification of agriculture.	Role of government subsidy programs and markets factors on the determination of cotton prices in Turkey.	Quality attributes of individual bales on yarn quality.
12.10	Katageri, I. India	Shelke, G. V. India	Moudgal, R. India	Visser, Francois Australia	Reddy, A.R. India	Subramaniam , A. India
	Validation of SSR markers linked to fibre traits in cotton.	Validation of molecular marker against cotton bacterial blight disease caused by <i>Xanthomonas axonopodis</i>	Efficacy of Widestrike Bt cotton against <i>Lepidopteran</i> pests in India.	Which carbon footprint calculator for cotton.	Total factor productivity of cotton in Gujarat.	Vision of technical textiles in this decade.
12.35	Balasubramani, G. India	Manjula M. India	Prabhuraj, A. India	Ponnusamy, Janaki India	Anuradha, N. India	Nagappa, Harijan India
	Cloning and characterization of cellulose synthase genes from <i>Arabidopsis thaliana</i> .	Development of naturally colored <i>G. hirsutum</i> cotton genotypes suitable for textile industry .	Survival of <i>H.armigera</i> on Bt cotton hybrids in India can we buy the interpretations?	Response of cotton to bio boron and its use efficiency in vertic Ustropept soils of Tamil Nadu, India.	Analysis of growth and instability of cotton production in India.	Studies on composition of oil and fatty acid in Bt and non Bt cotton (<i>G. hirsutum</i>).
13.00	Vamadevaiah, H. India	Singh, J. India	Gujar, G. India	Upperi, S.N., India	Nagarajan, Prabha India	Jain, Kalpesh India
	Identification of genes responsible for fibre elongation during early cotton fibre development.	Development of recombinant inbred lines for fibre quality and other important traits in <i>G. hirsutum</i> .	Field performance of F1, F2 and non-Bt of BG-II (MRC-7017 Bt) and JKCH-1947 Bt against bollworms of cotton.	Effects of prolonged and integrated use of organics and inorganics on the performance of cotton.	Global markets for organic cotton, and India's opportunities and challenges as primary producer.	Development and validation of cost effective and rapid ELISA for quantitative assessment of <i>Cry1F</i> in transgenic plants.
13.25	Kanakachari, M. India	Patil, R. India	Prasad Rao, G.M.V. India	Blaise, D. India	Ramasundaram, P. India	Varadarajan, P.V. India
	Genome wide transcriptome analysis of fuzzless-lintless mutant cotton (<i>G .hirsutum</i> MCU5) during fibre elongation.	Creating novel diversity, identification of good varieties and using comprehensive methods for use in hybrid research -an exercise in <i>G. hirsutum</i> .	Intrinsic rate of increase and life parameters of cotton leaf eating caterpillar <i>S.litura</i> on Bollgard®II hybrids.	<i>Cry</i> toxin expression in Bt transgenic cotton hybrids influenced by soil depth and split application of nitrogen.	Economic impact of genetically modified cotton in India: welfare effects and its distribution across states.	An Innovative Bio-chemical approach for Low energy and Less Polluting Scouring of Cotton and blended textiles.
13.50	Concluding Remarks	Concluding Remarks	Concluding Remarks	Concluding Remarks	Concluding Remarks	Concluding Remarks
14.00	LUNCH					

8th Nov 2011 Concurrent Sessions: 7-12 World Cotton Research Conference-5, November 7-11, 2011, Mumbai, India

	Session-7	Session-8	Session-9	Session-10	Session-11	Session-12
	Molecular Genetic Diversity	Elite Varietal Development	Emerging Pests	Water Management	Crop Production Technologies	Fibre Quality Testing
Chairman	Dr. J Broadhvest , Belgium	Dr B. M. Khadi , India	Dr. Rajendran, T.P India	Dr.Musebe Richard , Kenya	Dr. Norman Hopper , USA	Dr. Iwona Frydrych Poland
Co-Chair	Dr. Steven Williams Singapore	Mr Piexoto Paulo , Brazil	Dr. Shembekar, M , India	Dr. Anil Jain , India	Dr Abdin Muhammad , Sudan	Dr N. B. Patil , India
15.00	Opening Remarks	Opening Remarks	Opening Remarks	Opening Remarks	Opening Remarks	Opening Remarks
15.10	John Yu USA	KJ Mandiveyi Zimbabwe	Patil, B.V. India	Yeates, Stephen Australia	Kumar, V. India	Drieling, Axel Germany
	Translational genomics for cotton improvement.	Elite cotton varieties in the Zimbabwean private sector research programme.	Influence of weather parameters on population of mealybug, <i>P. solenopsis</i> & its natural enemies on Bt cotton.	The adaptation of irrigated cotton to the tropical dry season.	Efficient water management technology for sustainable cotton production in central India.	Commercial standardization of instrument testing of cotton - results from over 4 years of international round trials.
15.40	Amalabalu Paul Raj , India	Parinya S , Thailand	Kumar, Rishi India	Buttar, G.S. India	Sankarnarayanan, K. India	Sreenivasan, S. India
	Assessment of genetic diversity in <i>G. barbadense</i> accessions.	Tak Fa 84-4 : New jassid tolerant cotton variety.	Insecticide induced resurgence of mealybug, <i>P. solenopsis</i> Tinsley in cotton.	Managing saline-sodic water for sustainability of cotton in semi-arid region of Punjab, India	Input use efficiency, productivity, profitability & sustainability of Bt cotton based multi tier system.	Calibration cotton.
16.05	Waghmare, V.N. India	Kibani , T , Tanzania	Kranthi, Sandhya India	Conaty, Warren Australia	Prakash, A.H. India	Frydrych, Iwona Poland
	Diversity Analysis in Core accessions of upland cotton (<i>G. hirsutum</i>).	Good characters of new outstanding cotton varieties developed in Tanzania.	Emerging and key insect pests on Bt cotton- their identification, genetic diversity and management.	A thermal optimum approach to irrigation scheduling in Australian irrigated cotton.	Do foliar application of nutrients, PGRs & insecticides control leaf reddening in cotton?	The cotton length analysis using the length control.
16.30	Venugopal, M. India	Piyanut Jingjit Thailand	Udikeri, S. India	Natarajan, A. India	Collins, Guy USA	Lukonge, Everina Tanzania
	Genetic diversity analysis of cotton germplasm.	Properties of the naturally-pigmented cotton cultivated in Nakornsawan Field Crop Research Center, Thailand.	Species diversity, pestiferous nature, bionomics and management of mirid bugs and flower bud maggots: the new key pests of Bt cottons.	Standardizing water and fertilizer requirement of Bt cotton hybrid (Mallika) under drip fertigation system.	Defining optimal application rate and timing of mepiquat chloride for cotton grown in conditions that promote excessive vegetative growth.	Within bale variability study on cotton produced in Africa.
16.55	Xiongming Du China	Mauricio A T Argentina	Khuhro, S. Pakistan	Muthukrishnan, P. India	Nalayini, P. India	Amol Patil , India
	Genetic diversity evaluation on the cotton germplasm of <i>G. hirsutum</i> and <i>G. arboreum</i> and establishment of SSR fingerprints.	New cotton germplasm with intermediate cycle called sp 48114 developed by national institute of agricultural technology-INTA.	Survey and Management of cotton mealybug <i>P. solenopsis</i> (Tinsley) on cotton and other host plants in districts of Sindh (Pakistan) in 2010.	Evaluation of drip fertigation system on growth and yield of Bt Cotton and non Bt cotton hybrid (Mallika).	Biodegradable polyethylene mulching- a new approach for moisture conservation, weed control and enhanced productivity of winter irrigated cotton-maize system.	Imparting Electrical Conductivity to Cotton Textiles for Value added Applications
17.20	Concluding Remarks	Concluding Remarks	Concluding Remarks	Concluding Remarks	Concluding Remarks	Concluding Remarks
17.30	TEA					

8.00	Registration					
	Plenary Session III: Chairman: Dr. Dean Ethridge, FBRI, USA; Co-chairman: Dr. Michael Fok, CIRAD, France					
9.00	Introduction of speakers by co-chairman					
9.10	Dr. Daryl Bowman , NC State University, USA: Is cotton breeding really progressing?					
9.40	Dr. Mayee, C.D. , ISCI, India, Bt cotton in India -A story to remember					
10.10	Questions & Discussion					
10.40	Chairman's closing remarks					
11.00	Tea					
Concurrent Sessions	Session-13	Session-14	Session-15	Session-16	Session-17	Session-18
	Genetic enhancement	Heterosis Breeding	Novel Approaches for Pest Management	Climate Change and Adaptation	Crop establishment and production technologies	Value addition and Textiles
Chairman	Dr. Williams Hugie , USA	Dr. Don Keim , USA	Dr. Silve Pierre , France	Dr. Yeates, S , Australia	Dr. Rohan Boehm , Australia	Dr. Kachru, R.P. India
Co-Chair	Dr. Saha, Sukumar USA	Dr. Sateesh Kumar , India	Dr. Rathi, Rajvir India	Dr. Gopalakrishnan, N. India	Dr. Velayutham, A India	Dr. Desai, A.N. India
11.30	Opening Remarks	Opening Remarks	Opening Remarks	Opening Remarks	Opening Remarks	Opening Remarks
11.40	Khadi, B.M. India	Gumber, R. K. India	Giband, Marc Brazil	Hake, Kater USA	Venugopalan, M. V. India	Holt, Greg USA
	Introgression breeding for cotton improvement.	Predicting F1 performance from their parental properties in <i>G.hirsutum</i>	Identification and characterization of a novel source of resistance to root-knot nematode in cotton.	Climate disruptions to fiber yield growth.	Evaluation of cotton genotypes for high density planting systems on rainfed Vertisols of central India.	Use of cotton byproducts and fungal mycelium in the manufacture of biodegradable formed packaging and insulation panels.
12.10	Anil kumar, K. USA	Rathore, P. India	Niv, Ariela Israel	Daniel, Tan Australia	Hallikeri, S. India	Gurjar, R.M. India
	Developing transgenic product for controlling <i>Lygus</i> in cotton.	Prediction of heterosis in American cotton.	Can tomato be a potential host plant for pink bollworm.	Effect of cool conditions on cotton seedlings.	Pruning and detopping studies in Bt cotton.	Cotton stalk-an additional raw material to board industry.
12.35	Abid, M , Pakistan	Patel, N.N. India	T, Brevault , France	Katrina. B , Australia	Nehra, P.L. India	Samanta, K.K. India
	Introgression of desirable characters for growing cotton in Pakistan.	Study of heterosis in inter varietal crosses of <i>G. herbaceum</i> .	Can natural refuges delay insect resistance to GM cotton?	Industrial-age changes in climate affect cotton physiology and productivity.	Agronomic evaluation of Bt cotton hybrid (RCH134Bt) under varied crop geometries and fertilizers.	Mechanism of plasma reaction of 1, 3 - butadiene on cellulosic textile.
13.00	Kalbande, B. India	Narayanan, S.S. India	Thomas Walsh , Australia	Ivan Kennedy , Australia	Paytas, M Argentina	Vigneshwaran, N. India
	Engineering cotton leaf curl virus resistance cotton through RNA interference approach	Integrated improvement of cotton for yield, fibre quality and seed utility characters.	Adaptive management of resistance to Bt-cotton in Australian <i>Helicoverpa</i> spp	Cotton pesticides and environmental risk	Cotton genotypes performance under rainfed and irrigated conditions in two regions of northern Argentina.	Enzyme/zinc chloride pretreatment of short-staple cotton fibres for energy reduction during nano-fibrillation by refining process.
13.25	Nandeshwar, S.B. India	Kulkarni, P. India	Narkhedkar, N. India	Cottee, Nicola Australia	Singh, Kulvir India	Chattopadhyay, S. India
	Development of biotic stress resistant transgenic diploid cotton utilizing <i>Agrobacterium</i> and shoot apical meristem cells	Breeding for ideotype interspecific and intraspecific cotton hybrids.	Insecticidal toxin genes from bacterial symbiont of thermotolerant isolate of <i>H. indica</i> ,	Multi-level determination for heat tolerance of cotton cultivars.	Studies on the seed cotton yield and yield contributing characters of new Bt cotton hybrids under varied agronomy.	Optimal cotton covered jute, nylon and metal core spun yarns for functional textiles: Production and characterisation.
13.50	Concluding Remarks	Concluding Remarks	Concluding Remarks	Concluding Remarks	Concluding Remarks	Concluding Remarks
14.00	LUNCH					
	Panel Discussion II 'Insecticides: What next?'			Panel Discussion III 'Fiber quality: Textile needs'		
15.00	Introductory Remarks: Chairman: Mr. Rajjubhai Shroff, UPL, India;			Introductory Remarks: Chairman: Dr. A. B. Joshi, Textile Ministry, India;		
15.10	Lead presentation: Dr Mohan Babu: Insecticide Industry foot prints in cotton			Lead Presentation: Dr A. N. Desai: Changing fiber quality demands of textile Industry		
15.40	Panelists Remarks and discussion: Dr Gary Thompson, Dr Francesca Mancini, Dr Ajit Kumar, Mr Salil Singhal, Mr Anil Kakkar			Panelists Remarks and discussion: Mr. Prabhakar Rao, Dr Greg Holt, Dr Sharada Devi, Mr P. D. Patodia, Mr D. K. Nair		
16.50	Concluding Remarks: Co-Chairman: Kapoor, R. D., India			Concluding Remarks: Co-Chairman: Mr S Kotak, India		
	17.00 hrs TEA		18.30 hrs FASHION SHOW		20.00 hrs DINNER	

8.00	Registration					
	Plenary Session IV: Chairman: Dr. Luis Basterra, INTA, Argentina; Co Chairman: Mr. Dhiren Seth, CAI, India					
9.00	Introduction of speakers by co-chairman					
9.10	Dr. V. Santhanam , Rtd FAO consultant, India: Experiences with cotton breeding					
9.40	Dr. Yusuf Zafar , DG, PAEC, Pakistan: Future biotech cotton					
10.10	Dr. Derek Russell , Melbourne University, Australia: Challenges in transferring IPM technologies to farmer fields					
10.40	Questions & Discussion, followed by Chairman's closing remarks					
11.00	Tea					
Concurrent Sessions	Session-19	Session-20	Session-21	Session-22	Session-23	Session-24
	Fibre Biology	Heterosis for yield and other traits	Integrated pest management	Disease Management	Combating salt Stress	Social dynamics and technology transfer
Chairman	Dr. Wang LingJian , China	Dr. Zahoor A , Pakistan	Dr. OM Bambawale , India	Dr. Kirkby Karen , Australia	Dr. HZ Dong , China	Dr Suleyman Karaman , Turkey
Co-Chair	Saranga, Yehoshua Israel	Dr. Suresh Agrawal India	Dr. Dilip Monga India	Dr. Kibani T , Tanzania	Dr. Ebadollah Baniani Iran	Dr. Pablo Urdapilleta Argentina
11.30	Opening Remarks					
11.40	Fang, David USA	Siwach, S. India	Rami Horowitz , Israel	Morteza Arabsalmani Iran	Wuwei Ye China	Michel Fok France
	Elevated heat units influence transition stage timing during cotton fiber development resulting in increased fiber strength.	Performance of hybrids produced by different systems for yield and quality in <i>G. hirsutum</i> .	Dynamics of biotypes b and q of <i>Bemisia tabaci</i> in cotton fields and their relevance to insecticide resistance.	Epidemiology of <i>verticillium</i> wilt of cotton in Iran.	Cloning and expression of two salt-tolerance related genes on upland cotton.	Do female-led farms perform less well in cotton production? Insight from Hebei province (China).
12.10	Solanke, A.K. India	Dhamayanthi, K.P.M. India	Durgaprasad, V.V.S. India	Pereg, Lily Australia	Zhen huai Li China	Reed, Janet USA
	Analysis of cotton fiber initiation stage specific transcription factors under drought stress.	Study of interspecific hybrids (<i>G. hirsutum</i> x <i>G. barbadense</i>).	Gambit of IPM for insect resistant transgenic cotton.	<i>Thielaviopsis basicola</i> -cotton interactions leading to black root rot.	Strategy, technology and mechanism for control of soil salinity injury to cotton.	Debunking the myths.
12.35	Kannan, N. India	Pathak, D India	de Almeida Porfirio , Brazil	Araujo, Alderi Brazil	Zhang, Huijun China	Singh, T.V.K. India
	Introgression of high fibre strength trait to upland cotton using marker-assisted selection.	Combining ability for seed oil content and component fatty acids in <i>G. arboreum</i> .	Lethal concentrations of neem-based product for controlling the cotton leafworm.	Damage caused in cotton by different levels of <i>ramulosis</i> in Brazil.	Increased nutrient uptake and salinity tolerance in AhCMO transgenic cotton.	Impact of IRM strategies on Bt cotton in Andhra Pradesh.
13.00	Yuan, Youlu China	Gunasekaran, M. India	Chamuene, A. Mozambique	Ashtaputre, S. India	Behdarvand, P India	Boehm, Rohan Australia
	QTLs mapping for fiber quality traits across multiple generations and environments in upland cotton.	Estimation of genetic parameters for yield and fibre quality traits in interspecific crosses of cotton.	Effect of strip intercropping for management of the American bollworm, <i>H. armigera</i> on cotton in Mozambique	Efficacy of <i>triazoles</i> in management of major fungal foliar diseases of cotton.	Genetic parameters of physiological traits for salinity tolerance in diverse genotypes of cotton (<i>G. hirsutum</i> & <i>G. barbadense</i>).	A nationally focused industry extension program delivering best practice management in Australia.
13.25	Gopalakrishnan, N. India	Tuteja, O.P. India	Pierre ,Silvie France	Vijaya Kumari, P.R. India	Dong, Hezhong China	Usha Rani, S. India
	Temporal changes in important enzymes and solutes trigger epidermal cell differentiation into fibre initials in cotton.	Effect of alien cytoplasm and nuclear genes in alloplasmic x euplasmic and euplasmic x euplasmic hybrids in <i>G. hirsutum</i>	Cotton pest management programmes using threshold-based interventions developed by CIRAD and partners in sub-Saharan Africa.	Control of planting seed deterioration through post harvest management.	Improvement of partial root-zone soil environment increases salinity tolerance of cotton.	Transfer of technology initiatives for profitable and sustainable cotton farming in India -an empirical analysis.
13.50	Concluding Remarks					
14.00	LUNCH					

10th Nov 2011 Concurrent Sessions: 25-30
World Cotton Research Conference-5, November 7-11, 2011, Mumbai, India

	Session-25	Session-26	Session-27	Session-28	Session-29	Session-30
	Crop improvement	Drought and heat tolerance	Insect Pest management	Weed Management	Leaf curl virus management	Fibre Processing
Chairman	Dr. Jean Marc Lacape , France	Dr. Bansal, K.C. , India	Dr. Marc Giband , France	Dr Patricia O'Leary , USA	Dr. Lily Pereg Australia	Dr. Greg Holt , Texas
Co-Chair	Dr. Parinya Seburuang Thailand	Dr. Patil, B.C. India	Dr. Patil, B. V. India	Dr. Kairon, M.S. India	Dr. Abid Mahmood Pakistan	Mr. Sunil Bajaj India
15.00	Opening Remarks	Opening Remarks	Opening Remarks	Opening Remarks	Opening Remarks	Opening Remarks
15.10	Patil, S. S. , India	Udaya Kumar , India	Parajulee, Megha USA	Muhammad, D.B. Pakistan	Monga, D. India	Iyer, K.R.K. India
	Target genotype based choice of breeding methods in cotton.	Enhancing drought tolerance in cotton with novel genes.	Development of meta-population approach for landscape-level <i>lygus hesperus</i> management in Texas.	Comparative study of different weeding methods on cotton crop under drip irrigation system.	Changing scenario of cotton diseases in India-the challenge ahead.	Differential speed setting facility for roller and beater in D.R. Gins for higher ginning rates.
15.40	Lin, Zhongxu China	Md, Saeed Pakistan	Abdelrahman A Sudan	Narayana, E. India	Khan, M.A. Pakistan.	Sharma, M. K. India
	Introgression of exotic germplasm into upland cotton for cotton genetics and breeding.	Genomic selection for drought tolerance in cotton.	Efforts to mitigate stickiness problem in Sudan.	Stale seed bed technique of weed control for Bt cotton based intercropping system.	A new strategy to develop virus tolerant cotton plants.	Improved processing technologies for cotton ginning and by-product- a contributing factor for prosperity of cotton processing sector.
16.05	Singh, S.B. India	Anderson, David USA	Dharajothi, B. India	Chinnusamy, C. India	Radhamani,A. India	Zameer Ul Hassan, S. Czechoslovak
	Genetic variability in single plant selections for improving drought tolerance in upland cotton.	Applying technology to address the challenges facing global cotton in the next decade.	Influence of spatial cropping patterns of cotton cultivation on population dynamics of mirid bug, <i>C. biseratense</i>	Agronomic management and benefits of glyphosate tolerant transgenic cotton hybrids.	<i>Veni Vidi Vici</i> - cotton leaf curl Burewala virus (CLCuBuV) in North-Western India.	Exploration of residual hazardous compounds on cotton fibers.
16.30	Mohan, Punit India	Saranga, Y Israel	Bheemanna, M. India	Rao, A.S. India	Pundir, P India	Manojkumar, T.S. India
	High boll weight and high ginning outturn as the major tools for breaking yield barriers in <i>G. arboreum</i> .	Marker-assisted selection for improving drought resistance in cotton.	Determination of economic injury level for defoliator <i>S. litura</i> (Fab.) on Bt cotton.	Evaluation of <i>pyrithiobac</i> alone and in combination with grassy herbicides on weed control in cotton.	Medium staple arboreum cottons: an alternative to hirsutum cotton in CLCV prone areas.	Development of an automatic roller grooving machine for making helical grooves on rollers used in roller gins.
16.55	Palve, S.M. India	Amudha, J. India	Sarma, Mohan India	Usdadia, Vrajdas India	Beniwal, J India	Marinus van der Sluijs Australia
	Thermo-sensitive genetic male sterility system in cotton (<i>G. arboreum</i>).	Cotton transgenics with DRE-binding transcription factor gene (DREB 1A) and Zinc Finger gene (ZF1) confers enhanced tolerance to drought.	Survival of pink bollworm, <i>P. gossypiella</i> in Bt and non-Bt cotton in normal and late sowing with special emphasis to avoid population pressure.	Comparative efficiency and economic viability of herbicides for controlling weeds in Bt cotton (<i>G. hirsutum</i>).	Evaluation of cotton germplasm (<i>G. hirsutum</i>) and Bt cotton hybrids against cotton leaf curl virus disease in Haryana.	The effect of quarantine treatments on the physical properties of cotton and its subsequent textile processing performance.
17.20	Concluding Remarks	Concluding Remarks	Concluding Remarks	Concluding Remarks	Concluding Remarks	Concluding Remarks
17.30	TEA					

11th November (Friday)**World Cotton Research Conference-5, November 7-11, 2011, Mumbai, India**

8.00	Registration	
	Plenary Session V: Chairman: Dr. Richard Mibey, Kenya Co-Chairman: Dr. Basu, A.K., Former Director, CICR, India	
9.00	Introduction of speakers by Co Chairman	
9.10	Dr. David Stelly , Texas A&M, USA: Cotton genomics	
9.40	Dr. John Landers , Brazil: Sustainable cotton growing in conservation agriculture	
10.10	Dr Jiri Militky , Technical University of Liberec, Hálkova, Czech Republic: Influence of cotton fiber properties on the selected properties of rotor yarns	
10.40	Questions & Discussion	
10.50	Concluding Remarks by Chairman	
11.00	Tea	
	Special session 1: International Cotton Genome Initiative	Special session 2: Cotton Mechanization
	Chairman: Dr. Chee Peng, USA Co-Chairman: Dr. Kumar, P. A., India	Chairman: Dr V. M. Mayande, India. Co-Chairman: Dr. Jayaram, G, USA
11.30	Opening remarks	Opening remarks
11.40	Dr. Ibrokhim Abdurakhmanov , Uzbekistan: Marker-assisted selection for improving quantitative traits of cotton	Dr. Ganesh Jayaram , USA: cotton mechanization
12.00	Dr. Sukumar Saha , USA: Interspecific chromosome substitution lines from <i>G. barbadense</i> and <i>G. tomentosum</i> in upland cotton improvement	Dr. Steven Wright , USA: Pre-treatment approach to Acala and Pima defoliation in California
12.20	Dr. Vasu Kuraparthi , USA: Towards establishing the cotton breeding and translational genetics program at NC state	Dr. Karanja, Daniel , Kenya: Comparative analysis of production practices and post-harvest handling of cotton by smallholder farmers in Kenya and Mozambique
12.40	Discussion	Discussion
12.50	Concluding remarks	Concluding remarks
13.00	Valedictory Chairman: Dr. Terry Townsend Co-Chairmen: Dr. Md. Rafiq Chaudhry and Dr C. D. Mayee	
14.00	Lunch	

Nov. 12-13 (Saturday & Sunday) -Technical Tour to Nagpur

12th November		13th November	
8.30	Arrival and check-in Hotel Pride, Nagpur	8.30	Visit to Ankur Seed Production Farm
10.00	Visit to Bhagirath Spinning Mills	11.30	Visit to Bajaj Steel Double Roller Gin Manufacturing Unit
12.30	Visit to Cotton Stalk Particle Board Unit	13.00	Lunch
13.00	Lunch	14.00	Visit to Central Institute for Cotton Research
15.00	Wild Life Safari Pench National Park	14.30	Interaction with farmers
20.30	Dinner	16.30	Shopping: Empress Mall
		18.00	Visit to Buddhist Shrine: Deekshabhoomi
		19.15	Depart to Airport