



Program

SUNDAY MAY 1

05:00 - 07:00 pm REGISTRATION & POSTER SET UP

07:00 - 09:00 pm WELCOME RECEPTION

MONDAY MAY 2

07:30 REGISTRATION & POSTER SET UP

09:00 **OPENING SESSION**
Room: Auditório Lago Azul

10:15 COFFEE/TEA

10:35 **KEYNOTE 1: Innovative Research Solutions to Enhance Cotton Production: how close we are?**
Speaker: Dr. Yusuf Zafar, IAEA, Pakistan
Chair: Dr. Celestino Zanella, Abapa, Brazil
Co chair: Dr. Dil Baugh Muhammad, Central Cotton Research Institute Multan, Pakistan
Room: Auditório Lago Azul

11:20 **KEYNOTE 2: Connecting Growers with Research**
Speaker: Dr. Adam Kay, Cotton Australia, Australia
Chair: Dr. Gustavo Viganó Piccoli, Ampa, Brazil
Co chair: Dr. C. D. Mayee, Central Institute for Cotton Research, India
Room: Auditório Lago Azul

12:05 pm Lunch

01:35 - 05:45 pm **IAEA Meeting (By Invitation)**
Room: Sala Lago das Brisas

01:35 pm **PARALLEL SESSION 1**

Room Sala Rio Araguaia
Area **Breeding and Crop Improvement**
Chair **Dr. Todd Campbell**

Oral #	Presenter	Title	Authors
1	Shahid Mansoor	Engineering Multiple Traits in Cotton	Shahid Mansoor; Imran Amin; Muhammad Saeed; Muhammad Arshad; Zahid Mukhtar; Shaheen Aftab.
2	Mychele Batista da Silva	Effects of Resistance QTLs qMI-C11 on Meloidogyne incognita	Mychele Batista da Silva; Pawan Kumar; Bob Nichols; Richard Davis; Peng Chee.
3	Jack McCarty	Development of Root-Knot and Reniform Nematode Resistant Cotton Lines Using Marker Assisted Selection	Jack McCarty; Johnie Jenkins; Martin Wubben; Frank Callahan; Russel Hayes; Dewayne Deng.
4	Xinlian Shen	Development of Gossypium anomalum-Derived Microsatellite Markers and Their Use for Genome-Wide Identification of Recombination Between the G. anomalum and G. hirsutum Genomes	Xinlian Shen; Caijiao Zhai; Peng Xu; Xia Zhang; Qi Guo; Xinqi Fan; Xianggui Zhang; Wanchao Ni.
5	Thomas Wedegaertner	Elimination of Gossypol in Cottonseed Has the Potential to Satisfy the Protein Needs of Several Hundred Million People	Thomas Wedegaertner

Room Area Chair
Sala Serra Dourada
Cotton Protection
Dr. Sebastião Barbosa

Oral #	Presenter	Title	Authors
6	Juan Carlos Salerno	Integral Control of the Boll Weevil (<i>Anthonomus Grandis</i> Boheman) in Cotton	Juan Carlos Salerno.
7	José Ednilson Miranda	Influence of the Cotton Crop Border on the Colonization and Dispersal of the Boll Weevil (<i>Anthonomus grandis</i>) in Brazil	José Ednilson Miranda; Bruna Mendes Tripode; Ismael Ribeiro Rocha Silva.
8	Tina Gray Teague	Zone Management to Reduce Costs for Insecticidal Control of <i>Lygus lineolaris</i> in Midsouth US Cotton	Tina Teague.
9	Megha N. Parajulee	Ecological Management of <i>Lygus</i> bugs in Texas cotton	Megha N. Parajulee.
10	Robert Nichols	Biology and Management of Herbicide-Resistant Palmer amaranth in U. S. Cotton	Robert Nichols; Jim Burton; Nilda Burgos; Stanley Culpepper; Peter Dotray 7; Todd Gaines; Amy Lawton-Rauh; James Norsworthy; Larry Steckel 8; Alan York.

Room Area Chair
Sala Águas Quentes
Measuring Sustainability in Cotton Farming Systems
Dr. Gonzalo Tejada

Oral #	Presenter	Title	Authors
11	América González Sanabria	Productive Parameters for the Cotton Sector in Paraguay: Baseline Analysis in Rural Family Farming	Claudia Sepulveda Garrido; América Gonzalez Sanabria; Adriana Calderan Gregolin; Beatriz Marciel; Rodrigo Allende; Emilio Valiente;
12	Guy Roth	Measuring sustainability in Australian cotton farming systems	Guy Roth; Angela Bradburn; Jane Trindall; Allan Williams
13	Kater Hake	Quantifying Continuous Improvement in Cotton Production Practices in the U.S.	Kater Hake; Ed Barnes; Jesse Daystar; Melissa Bastos.
14	Edward Barnes	An Update Global Life Cycle Inventory for Cotton	Edward Barnes; Michelle Wallace; Melissa Bastos; Christy Cagle; Kater Hake; Mary Ankeny; Mike Tyndall.
15	Patrick Filippi	Monitoring the Impact of Irrigated Cotton Production on Soil Condition in a Semi-Arid Landscape in Australia	Patrick Filippi; Stephen Cattle; Thomas Bishop; Inakwu Odeh.

03:30 pm COFFEE/TEA

03:50 pm **PARALLEL SESSION 2**

Room Sala Rio Araguaia
Area **Breeding and Crop Improvement**
Chair **Dr. José Jaime Vasconcelos Cavalcanti**

Oral #	Presenter	Title	Authors
16	Rajesh S. Patil	Breeding for Productive Compact Cotton Varieties and a Method to Categorise The Plant Type in <i>Gossypium hirsutum</i> L.	Patil, R. S. S.; Khadi, B. M.; Katageri, I. S.; Vamadevaiah, H. M.; PATIL, S. S.
17	Basavaraj Khadi	Introgression Breeding to Address Problems of Bt Cotton-Indian Perspectives.	Basavaraj Khadi; Rajesh Patil
18	Omran Alishah	Cotton Varieties and Seed Production System in Iran	Omran Alishah
19	Mehmet Çoban	Genetic Analysis of Yields and Quality Characteristics in Interspecific Cotton Population (<i>Gossypium hirsutum</i> L. x <i>Gossypium barbadense</i> L.)	Mehmet Çoban; Aydin Ünay; Hakan Çifi; Birnur İlhan
20	Vendhoti Chenga Reddy	Identification of Donor Parents Containing Favourable Alleles for Improving Target American Cotton Hybrid (NA 1325 × L 604)	Chenga Reddy Vendhoti

Room Auditório Lago Azul
Area **Agronomy and Sustainable Production**
Chair **Dr. Amal Saber Owis**

Oral #	Presenter	Title	Authors
21	Oner Cetin	Fertigation Frequency on Cotton Yield and Plant Nutrition	Oner Cetin; Nese Uzen; Mefhar Gultekin Temiz; Sema Basbag
22	Satyanarayana Rao	Management of Leaf Reddening Through Soil and Foliar Nutrition in Irrigated Bt Cotton (<i>Gossypium hirsutum</i> L.)	Satianarayana Rao; Santosh, U.N.
23	Nalayini Periyakaruppan	Beneficial Effects of Structured Water and Pink Pigmented Facultative Methylophs for Growth, Yield and Quality of Irrigated Cotton	Nalayini Periyakaruppan
24	Ebadollah Baniani	The Impact of Sewage Irrigation on Morphological Characteristics, Yield Components, and Contain Elements of Seed Cotton in Shahr Ray Region	Ebadollah Baniani; Ebrahim Frahani
25	Sema Basbag	Determination of Some Agricultural and Technological Properties of Cotton Planted as Second-Crop in Wheat-Cotton Cultivation System	Sema Basbag; Remzi Ekinci

Room Area Chair
Sala Serra Dourada
ICGI Conference: Breeding and Applied Genomics
Dr. Jodi Scheffler

Oral #	Presenter	Title	Authors
26	Todd Campbell	Tracing the Genetic Architecture of High Fiber Quality	Campbell Todd
27	Xianlong Zhang	Understanding Cotton Fiber Development	Lili Tu; Wenxin Tang; Yang Li; Kai Guo; Nian Liu; Xianlong Zhang
28	Zhongxu Lin	Interspecific Recombination Rate, Segregation Distortion and Hybrid Breakdown in Cotton	Zhongxu Lin; Baoshen Dai; Yu Yu; Xianlong Zhang
29	Amanda Hulse	Comparative High-Density Intraspecific Linkage Mapping Using Three Elite Populations from Common Parents	Amanda M Hulse-Kemp; Mauricio Ulloa; David M Stelly; John J Burke
30	Youlu Yuan	High-density Genetic Maps and Their Application to Genetic Dissections of Yield and Fiber Quality Traits in Upland Cotton	Youlu Yuan; Zhen Zhang

TUESDAY MAY 3

08:00 REGISTRATION

08:30 **PLENARY 1: Cotton Physiology the cornerstone of future cotton science**
Speaker: Dr. Michael Bange, CSIRO, Australia
Chair: Dr. Kater Hake, Cotton Incorporated, USA
Co chair: Dr. Md. Farid Uddin, Cotton Development Board, Bangladesh
Room: Auditório Lago Azul

09:15 **PLENARY 2: Evolution of cotton fiber quality is imperative to fit the future market needs**
Speaker: Dr. Eric Hequet, Texas Tech University, USA
Chair: Dr. Iwona Frydrych, Lodz University of Technology, Poland
Co chair: Dr. Mohamed A. E. El-Sayed Negm, Cotton Research Institute, Egypt
Room: Auditório Lago Azul

10:00 COFFEE/TEA

10:20

PARALLEL SESSION 3Room
Area
ChairSala Rio Araguaia
Breeding and Crop Improvement
Dr. Jean-Louis Belot

Oral #	Presenter	Title	Authors
31	Alison Thompson	Incorporating High-Throughput Phenotyping into Breeding Programs: the good, the bad, and the ugly	Alison Thompson; Kelly Thorp; Matthew Conley; Greg Lohrey; Andrew French; John Dyer.
32	Manzoor Hussain Manj	Improving for Sustainable Cotton Production through Enhanced Resilience to Climate Change with reference to Pakistan.	Manzoor Hussain.
33	Susan Jaconis	Breeding Cotton for a Variable Rainfall Environment	Warren Conaty; Susan Jaconis; David Johnston; Greg Constable.
34	Janagoudar B. S.	Genetic Influence of Root Traits of Cotton (<i>Gossypium hirsutum</i> L.) on Moisture Stress Tolerance	Maruti Laddi; Basanagouda Janagoudar; Ishwarappa Katageri; Basavaraj Khadi.
35	Shiming Liu	Developing Sodium Tolerant Cotton by Exploiting Genetic Diversity Within Two Cultivated Tetraploid Species	Shiming Liu; Greg Constable; Jean-Marc Lacape; Danny Llewellyn.

Room
Area
ChairSala Águas Quentes
Cotton Protection
Dr. Allah Bakhrsh

Oral #	Presenter	Title	Authors
36	Dean Brookes	Gene Flow and Host Use, Relative to Cotton, in <i>Nezara viridula</i> (the Green Vegetable Bug or Southern Green Stink Bug)	Dean Brookes; James Hereward; Lewis Wilson; Gimme Walter.
37	Adoni Ginnu Sreenivas	Effect Of Elevated Carbon Dioxide and Temperature on Tri-Trophic Interaction of Bt Cotton, Aphid, <i>Aphis gossypii</i> Glover and Coccinellid, <i>Cheilomenes sexmaculata</i> Fab.	Adoni Ginnu Sreenivas.
38	José Ednilson Miranda	Determination of the Injury Potential and Economical Threshold of <i>Helicoverpa armigera</i> on Cotton Crop	José Ednilson Miranda; Bruna Mendes Tripode; Laisse Danielle Pereira; Ismael Ribeiro Rocha Silva.
39	James P. Glover	Comparing Boll Injury and EILs for Species of a Boll-Feeding Sucking Bug Complex (Hemiptera: Miridae and Pentatomidae) on Texas Cotton	James Glover; Mike Brewer; Gregory Sword.
40	Syed Zameer Ul Hassan	A Comparative Analysis of Residual Pesticides on cotton Utilizing Biosensor and Tandem Mass Spectrometry	Syed Zameer Ul Hassan; Jiri Militky; Jan Krejci.

Room Area Chair
Sala Serra Dourada
ICGI Conference: Comparative Genomics and Bioinformatics
Dr. Alberto Souza Boldt

Oral #	Presenter	Title	Authors
41	Jing Yu	CottonGen: Current Functionality and Future Direction	Jing Yu; Sook Jung; Chun-Huai Cheng; Taein Lee; Ping Zheng; Stephen Ficklin; Todd Campbell; Richard Percy, Don Jones; Dorrie Main.
42	Daniel G. Peterson	Getting Bioinformatics Through Its Awkward Adolescence (Featuring Examples from Cotton Research)	Daniel Peterson.
43	John Yu	Recent Developments and Applications of Cotton Genomic Resources for Fiber Improvement	John Yu
44	Qian-Hao Zhu	Genome-wide Identification and Characterization of the Homeodomain-leucine Zipper I Family of Genes in Cotton (Gossypium spp.)	Qian-Hao Zhu; Jian Zhang; Philippe Moncuquet; Danny Llewellyn; Iain Wilson;
45	Dr. Ishwarappa S Katager	Genome wide SNP Marker Survey for Their Utilization in Cotton Breeding	Ishwarappa Katageri; Suresh Handi; Ramesh Metre; Vamadevaiah Hiremat; Biradar D.P.; Khadi B.M.; Reddy Lachagari V.B.

Room Area Chair
Auditório Lago Azul
Agronomy and Sustainable Production
Dr. Md. Farid Uddin

Oral #	Presenter	Title	Authors
46	Daniel Kean Yuen Tan	Does Wide Row (1.5 m) Cotton Have Better Yield, Fibre Quality and Water Use Efficiency Than Conventional Row (1 m) Cotton?	Timothy Bartimote; John Bennett; Rose Brodrick; Daniel Tan;
47	Jianlong Dai	Evaluation of a Production System in China That Uses High Plant Density and Retention of Vegetative Branches With Reduced Nitrogen Fertilization.	Jianlong Dai; Zhen Luo; Hequan Lu; Shizhen Xu; Xiangqiang Kong; Hezhong Dong;
48	Prem Lal Nehra	Standardization of Nutrient Management for High Density Planting System in Arboreum Cotton	PREM NEHRA.
49	Y R Aladakatti	Performance of Potential Hirsutum Cotton Compact Varieties Under High Density Planting System (HDPS)	Y.R. Aladakatti.
50	Hezhong Dong	The Chinese Way of Achieving High Cotton Yields With Farming Technologies	Hezhong Dong; Jianlong Dai.

12:15 pm Lunch

01:45 - 05:30 pm **IAEA Meeting (By Invitation)**
Room: Sala Lago das Brisas

01:45 pm

PARALLEL SESSION 4

Room Area Chair
 Sala Rio Araguaia
Breeding and Crop Improvement
Dr. Jodi Scheffler

Oral #	Presenter	Title	Authors
51	Nelson Dias Suassuna	Sources of Resistance to Ramularia areola and Development of a Resistant Cotton Cultivar	Nelson Dias Suassuna; Tais de Moraes Falleiro Suassuna; Camilo de Leis Morello; João Luís Silva Filho.
52	Ntjapa Gabriel Lebaka	Development of verticilium wilt and jassid resistant cotton varieties at ARC in South Africa	Ntjapa Lebaka; Antoon Cornellissen; Graham Thompson.
53	Gholamhossein Hosseini	Estimation of Genetic Parameters in Cotton Cultivares (Gossypium hirsutum L. & L.) and New Scaling Test of Epistasis.	Gholamhossein Hosseini.
54	Orawu Martin	Performance of Cotton Genotypes under Diverse Agro-ecologies of Uganda	Martin Orawu; Lastus Serunjogi; Gladys Amoding; George Ogwang; Chris Ogwang.
55	Leonel Domingos Moiana	Screen of us Cotton Germplasm for Completion with African Cotton Germplasm to Ensure Success	leonel Moiana; Dick Auld; Pedro Vidigal-Filho; Maria Celeste Gonçalves-Vidigal; Mendu Venongupal.

Room Area Chair
 Sala Águas Quentes
Cotton Protection
Dra. Katherine Parys

Oral #	Presenter	Title	Authors
56	Mohammad-Amir Aghaee	Characterizing Helicoverpa zea Feeding Damage to Different Cotton Tissue Types and Different Bt Protein Combinations for Use in IRM Modeling	Muhammad-Amir Aghaee; Dominic Reisig; Mike Caprio; Don Cook; Fred Musser
57	Dr.Shashikant S.Udikeri	Tools for Monitoring and Management of Emerging Key Insect Pests Mirid Bug and Flowerbud Maggots in Bt Transgenic Cotton Hybrids	Shashikant S. Udikeri; S.B. Patil; S.T. Prabhu; Vivek Uppar; Siddaling Hugar; Nakul Vandal; Kuberappa Gundannavar.
58	Ashley Tessnow	The Role of Nutrition in Susceptibility of Helicoverpa zea to Cry1Ac	Ashley Tessnow; Carrie Deans; Spencer Behmer; Bill Hutchinson; Marianne Pusztai-Carey; Xianping Wang; Gregory Sword.
59	Tom Walsh	The Old World Bollworm, Helicoverpa armigera: Bt Resistance Mechanisms, Population Genetics and Genomics.	Thomas Walsh; Craig Anderson; Sharon Downes; Karl Gordon; John Oakeshott; Wee Tek Tay.
60	Sharon Downes	Bt resistance in Australian Insect Pest Species	Sharon Downes; Thomas Walsh; Wee Tek Tay.

Room Area Chair
Sala Serra Dourada
ICGI Conference: Functional Genomics
Dr. Daniel Peterson

Oral #	Presenter	Title	Authors
61	Shuangxia Jin	Transcriptome Analysis Reveals a Comprehensive Insect Resistance Mechanism of Cotton in Response to Infestation by Phloem Feeding Insect-whitefly	Shuangxia Jin; Jianying Li; Xianlong Zhang.
62	Xueying Guan	Small RNAs from Natural Antisense Transcripts of GhMIXTAMYB-like3_A12 Causes the Naked Seed Phenotype in Cotton N1 Mutant	Xueying Guan; Qun Wan; Nannan Yang; Huaitong Wu; Lei Fang; Yan Hu; Wangzhen Guo; Wenhua Zhang; Xiaoya Chen; Tianzhen Zhang.
63	Vasu Kuraparthy	Modifications to a Late Meristem Identity 1-like Gene are Responsible for the Major Leaf Shapes of Upland Cotton (<i>Gossypium hirsutum</i> L.)	Ryan Andres; Daniel Chitwood; Marcela Rojas-Pierce; Candace Haigler; James Holland; Don Jones; Vasu Kuraparthy.
64	Ayyanagouda Mahantgouda Patil	Genome-Wide in Silico Prediction of Putative Transcription Factor Binding Sites (TFBSs) for Cotton Fiber Strength	Ayyanagouda Patil; Dinesh Akula; P. H Kuchanur; J.P Nidagundi; B.S Golsangi; S. S. Gangurde.
65	Uzma Qaisar	Involvement of Wrinkled-1 Transcription Factor in Fiber Development of Extra Long Staple (ELS)	Uzma Qaisar; Fozia Akhtar.

Room Area Chair
Auditório Lago Azul
Agronomy and Sustainable Production
Dr. Sema Basbag

Oral #	Presenter	Title	Authors
66	Todd Spivey	Comparison of Cotton Tillage Practices in North Caroline, USA	Todd A. Spivey; Josh L. Heitman; Randy Wells; David L. Jordan; Guy D. Collins; Keith L. Edmisten.
67	Kater Hake	Managing the Diverse Soil Microbiome Most Recently Recognized Benefit of No-Till (Zero-Tillage) to Cotton)	Kater Hake; Diana Vargas-Gutierrez; Kholoud Ghanem; John Zak; Bobbie McMichael; Phil Bauer; Tom Ducey; Gene Stevens; Bob Nichols.
68	Miguel Angel Ken Moriya Roa	Cotton in Direct Seeding in Animal-Drawn Family Farming	Miguel Angel Ken Moriya Roa.
69	Eduardo Enrique Román Gómez	Development of two Pilot Tests of Cotton Fiber Production in Colombia Through Two Systems of Production: Organic and Low Environmental Impact.	Eduardo Enrique Román Gómez; Adriana Calderan Gregolin.
70	Liv Soares Severino	Fluctuation in Storage Carbohydrates in Stem and Root of Cotton Plants	Liv Soares Severino; Julio Cesar Bogiani; Fabiano José Perina; Bruna Santana da Silva Mendes.

03:40 pm COFFEE/TEA

04:00 - 05:30 pm **POSTER VIEWING – EVEN**

04:00 - 05:00 pm **SPECIAL CONFERENCE: Bayer Breeding: What are we doing for Fiber Quality?**
Speakers: Dr. David Becker - Cotton Breeding Americas
Dr. Reginaldo Luders - Cotton Breeding for Brazil.
Room: Sala Rio Araguaia

WEDNESDAY MAY 4

- 08:00 REGISTRATION
- 08:30 **PLENARY 3: Development of GM cotton varieties - challenges for a tropical environment**
Speaker: Dr. Camilo Morello, Embrapa, Brazil
Chair: Dr. Jack McCarthy, USDA-Ars, Mississippi State, USA
Co chair: Dr. Juan Carlos Salerno, Argentina Genetics Society, Argentina
Room: Auditório Lago Azul
- 09:15 **PLENARY 4: Addressing the challenges of sustainable cotton production under competition in China**
Speaker: Dr. Michel Fok, CIRAD, France
Chair: Dr. Xiongming Du, China Cotton Research Institute, Anyang, China
Co chair: Dr. A. Mohamed Mustafa, Cotton Research Program, Sudan
Room: Auditório Lago Azul
- 10:00 COFFEE/TEA
- 10:20 **PARALLEL SESSION 5**
- Room Sala Rio Araguaia
Area **Breeding and Crop Improvement**
Chair **Dr. Shahid Mansoor**

Oral #	Presenter	Title	Authors
71	Ghulam Sarwar	Na Overview of Cotton Leaf Curl Virus Disease in Pakistan: Past, Present and Future	Ghulam Sarwar.
72	Jodi Scheffler	Pakistan and United States partnership project to identify genetic resistance to cotton leaf curl virus and develop resistant cotton for farmers	Jodi Scheffler.
73	Manzoor Hussain Manj	Evolution of NIAB-KIRAN, an early maturing, high yielding, fine quality fiber cotton variety having enhanced resilience against CLCuD & heat under the changed climatic scenario.	Manzoor Hussain.
74	Dharminder Pathak	Identification of new sources of resistance to cotton leaf curl disease and its introgression in American cotton	Dharminder Pathak; Shashi Bala; Pankaj Rathore; Parvinder S Sekhon; Kuldeep Singh.
75	Kalim Ullah	Genetic Diversity of Cotton (<i>Gossypium hirsutum</i> L.) Genotypes for Yield and Quality Attributes and Responses to CLCV Disease	Kalim Ullah khan.

Room Area Chair
Auditório Lago Azul
Agronomy and Sustainable Production
Dr. Oner Cetin

Oral #	Presenter	Title	Authors
76	Dil Baugh Muhammad	Impact of Potassium Fertilizer on Plant Biomass and Seed Cotton Yield Under Arid Environments	Dil Baugh Muhammad; Muhammad Naveed Afzal; Muhammad Tariq; Abdul Wakeel.
77	Amal Saber Owis	Effect of Different Types of Compost Made From Rice Straw, Cotton Stalk, Bagasse and Their Mixture Compared with Mineral Fertilizers on Cotton Yield and Fiber Quality	Amal Owis; Anwar Eissa.
78	Md. Kamrul Islam	Effect of Organic and Inorganic Source of N and Locations on Cotton Yield	Md. Kamrul Islam; Md. Farid Uddin.
79	Gupta Vadakattu	Does Compost Addition Improve Biological Functions and Microbial Diversity in Cotton Soils?	Gupta Vadakattu; Stasia Kroker; Marcus Hicks; Bhanu Nidumolu; Duncan Weir.
80	Y R Aladakatti	Nutrient response of Bt Cotton in vertisols of Northern Karnataka	Y.R. Aladakatti.

Room Area Chair
Sala Serra Dourada
ICGI Conference: Gerplasm and Genetic Stocks
Dr. Xianlong Zhang

Oral #	Presenter	Title	Authors
81	Lucia Vieira Hoffmann	Aspects of Cotton Germplasm Maintenance and Evaluation by Embrapa	Lucia Hoffmann; Gildo Pereira Araujo; Francisco Pereira Andrade; Paulo Barroso; Raysa Marques Cardoso. Kalita Cristina Cardoso; Francisco das Chagas Vidal Neto; João Luis Silva Filho.
82	Johnie Jenkins	Introgression of <i>Gossypium barbadense</i> Alleles into Upland Cotton via Random Mating.	Johnie Jenkins; Jack McCarty; Dewayne Deng.
83	Maite Vaslin de Freitas Silva	Functional Genomics Analysis of a Cotton N-end Rule Protein (GhCBD2) Putatively Involved in Viral Resistance in <i>Gossypium hirsutum</i>	Anna Karoline S Fausto; Marianna O Moura; Tatiane S da Franca; Elisson Romanel; Maite F S Vaslin.
84	Dr Muhammad Tehseen Azhar	Response of Wild Relatives of Cotton Against Cotton Leaf Curl Disease	Muhammad Tehseen Azhar; Rana Muhammad Atif; Zahid Iqbal Anjum; Shahid Mansoor.
85	Farshid Talat	Complete Chloroplast Genome Sequences of Three D Genome Cotton Species and Their Evolutionary Implications	Farshid Talat; Kunbo Wang

Room Area Chair
 Sala Águas Quentes
Social Dynamics and Technology Transfer
Dr. Ivelin Rizov

Oral #	Presenter	Title	Authors
86	Mutibo Chijikwa Mushenywa	The Performance of Farmer Field Schools in the Zambian Cotton Production System	Mutibo Chijikwa; Suzanne Philips.
87	Joshua Usha Rani	Front Line Demonstration – Proven Transfer of Technology Approach for Fostering Productivity of Cotton in India	Usharani Joshua; Prakash A.H.
88	Ryan Kurtz	Use of Web-Based Information Delivery by Cotton Incorporated	Ryan Kurtz; Ed Barnes; Phil Bogdan
89	Vlaminck Paiva Saraiva	The Paraiba Cotton Project - A Proposal for Local Integrated Development Within the Scope of Family Farming	Vlaminck Paiva Saraiva; Alexandre Alfredo; José Joacy dos Santos; Dalfran Gonçalves Vale.
90	Ingrid Zabaleta Chaustre	Gender Perspective in the Cotton Value Chain: Challenges and Opportunities in Argentina, Bolivia, Colombia, Paraguay and Peru	Patricia Biermayr- Jenzano; Ingrid Johana Zabaleta Chaustre; Adriana Gregolin.

12:15 pm Lunch

01:45 - 05:30 pm **IAEA Meeting (By Invitation)**
 Room: Sala Lago das Brisas

01:45 pm **PARALLEL SESSION 6**

Room Area Chair
 Sala Rio Araguaia
Breeding and Crop Improvement
Dr. Jack McCarty

Oral #	Presenter	Title	Authors
91	Todd Campbell	Simultaneous Improvement of Cotton Fiber and Seed	Campbell Todd.
92	Vendhoti Chenga Reddy	Combining Ability Analysis for Seed Cotton Yield and Quality Traits in Upland Cotton (<i>Gossypium hirsutum</i> L.) Over Environments	Chenga Reddy Vendhoti.
93	Shivaputrappa Tippanna Kajjidoni	Role of Irradiation and Mating Schemes in Enhancement of Variability for Productivity and Fiber Quality Traits in Asian Cotton	Kajjidoni, S.T.; Talawar A.M; Jambulakar S.J.; Wadeyar B. S.
94	Juan Luis Lazo Alvarez	Genetic Improvement of Extra-Long Fiber Varieties in Peru	Juan Luis Lazo Álvarez
95	Martin Lubinda Simasiku	Evaluation of the Yield Potential and Agronomic Characteristics of Various Cotton Genotypes in Zambia	Martin Lubinda Simasiku

Room Area Chair
 Auditório Lago Azul
Agronomy and Sustainable Production
Dr. Susan Jaconis

Oral #	Presenter	Title	Authors
96	Hezhong Dong	Yield and Economic Benefits of Late Planted Short-Season Cotton Compared with Intercropped Full-Season Cotton in a Garlic-Cotton Double Cropping System	Hezhong Dong; Hequan Lu
97	Jianlong Dai	Precision Seeding Without Seedling Thinning Under Double Mulching Improves Stand Establishment and Economic Yield of Cotton in the Yellow River Valley of China	Jianlong Dai; Zhen Luo; Hequan Lu; Zhenhuai Li; Weijiang Li; Shizhen Xu; Dongmei Zhang; Tang wei Xiangqiang Kong 1, Hezhong Dong 1
98	Anibal R. Molina	Due to the Climate Change, Cotton Production (<i>Gossypium hirsutum</i> L.) Has Expanded in Argentina. Now it Can Also Be Cultivated in the Province of Buenos Aires, Proving to Be the Most Southern Cotton Field of South America.	Anibal Ricardo Molina
99	Md. Farid Uddin	Cotton-Rice Intercropping in Chittagong Hill Districts of Bangladesh	Md. Farid Uddin
100	Salihu Adamu Dadari	Cotton Research and Production in Nigeria. Challenges and Strategies for increased Production and Productivity	Dadari, S.A.; Yahaya, A.I; Mohammed, S.M.
100 A	Muhammad Iqbal	Effect of heat stress on cotton (<i>Gossypium hirsutum</i> L.) fruit development and seed physical traits	Muhammad Iqbal, Sami Ul-Allah, Muhammad Naeem

Room Area Chair
 Sala Serra Dourada
ICGI Conference: Structural Genomics
Dr. David Fang

Oral #	Presenter	Title	Authors
101	Joshua Udall	Genome Structure of the <i>Gossypium</i> genome	Joshua A Udall; Thiruvarangan Ramaraj; Aaron Sharp; Christopher Hanson; Carrie Evans; Alex Freeman; David de Amorim; Spencer Hunt; Meghan Crosby
102	Lei Fang	Asymmetric Subgenomic Evolution and Domestication of Allotetraploid Cotton (<i>Gossypium hirsutum</i> L.)	Lei Fang; Yan Hu; Xueying Guan; Jiedan Chen; Christopher Saski; Brian E. Scheffler; David M. Stelly; Wangzhen Guo; Z. Jeffrey Chen; Tianzhen Zhang
103	Brian Scheffler	Subgenome Anchored Physical Frameworks for the Allotetraploid Genome of Upland Cotton (<i>Gossypium hirsutum</i> L.) and an Approach Toward Reference-grade Genome Assemblies for Cotton	Christopher Saski 1, Brian Scheffler 2, David Stelly 3, Jeff Chen 4
104	Xiongming Du	Resequencing of Diploid Cotton (<i>G. arboreum</i>) Revealed the Genetic Basis of Important Agronomic Traits	Xiongming Du; Shoupu He; Xueyan Zhang; Xiongfeng Ma; Junling Sun; Tao Lin; Gaofei Sun; Nan Li; Zhaoen Yang; Yinhua Jia
105	Ye Wuwei	Cotton DNA Methylation and Its Analysis under the Salt-drought Stresses	Wuwei Ye; Xuke Lu; Junjuang Wang; Shuai Wang; Xiaoge Wang

Room Area Chair
Sala Águas Quentes
Economics/Cotton Competitiveness
Dr. Haroldo Rodrigues da Cunha

Oral #	Presenter	Title	Authors
106	Dean Ethridge	Market for Waste Cotton Fibers: Case Study of the United States	Dean Ethridge
107	Joelcio Cosme Carvalho Ervilha	Opportunities for Cotton Development in Paraguay, in the Context of the Analysis of Transaction Costs	Joelcio Cosme Carvalho Ervilha; Adriana Calderan Gregolin; Emilio Valente; America Gonzalez Sanabria
108	Anthony Muriithi	Impact of the Cotton Sub-Sector on Rural Smallholder Livelihoods: Lessons from Kenya	Anthony Muriithi; Alex Mungai; Hesbon Olweny; Naomi Kamau; Lusike Wasilwa
109	Michel FOK-AH-CHUEN	Evolution of Bt Cotton production Costs and Effectiveness in Northern China Over a Decade	Michel Fok; Guiyan Wang
110	Ivelin Rizov	The Approach of European Coexistence Bureau for Sustainable Coexistence of Genetically Modified Cotton Production With Conventional and Organic Farming	Ivelin Rizov; Emilio Rodriguez-Cerezo

03:40 pm COFFEE/TEA

04:00 - 05:30 pm **POSTER VIEWING – ODD**

07:30 pm **CONFERENCE DINNER**

THURSDAY MAY 5

08:00 REGISTRATION

08:30 **PLENARY 5: Understanding cotton fiber development based on sequencing data and functional analysis of individual gene**

Speaker: Dr. Xianlong Zang, Huazhong Agricultural University, China

Chair: Dr. David Stelly - ICGI, USA

Co chair: Dr. Alderi Emidio de Araujo, Embrapa, Brazil

Room: Auditório Lago Azul

09:15 **PLENARY 6: Smallholder cotton farming: sustainability matters**

Speaker: Dr. Joe C. B. Kabissa, Tanzania Cotton Board, Tanzania

Chair: Dr. Graham Thompson, ARC, South Africa

Co chair: Dra. Yelitza Colmenarez, CABI Regional Representative for South America

Room: Auditório Lago Azul

10:00 COFFEE/TEA

10:20 **PARALLEL SESSION 7**Room Auditório Lago Azul
Area **Cotton Protection**
Chair **Dr. Charudatta D. Mayee**

Oral #	Presenter	Title	Authors
111	Tyler Jay Raszick	Cotton Boll Weevil (<i>Anthonomus grandis</i>) Genome Sequencing and Population Genomics as Tools for Monitoring and Eradication	Tyler Jay Raszick; Gregory A Sword; Charles P-C Suh; Raul Ruiz-Arce
112	Katherine Parys	Analysis of Tarnished Plant Bug Movement Using Carbon and Nitrogen Isotopes	Katherine A. Parys; Leslie D. Price; Maribel Portilla; Gregory C. Roberts; Bryce D. Blackman; Ryan E. Jackson; Randall G. Luttrell
113	Santam Singh	Extensive Haplotype Analysis of the Whitefly <i>Bemisia tabaci</i> Cryptic Species in Punjab, India	Satnam Singh; Abhishek Sharma; Suneet Pandher; Ramandeep Kaur; Gurpreet Kaur; Judith K Brown; Pankaj Rathore
114	Allah Bakhsh	Towards Better Insect Management Strategy; Restriction of Insecticidal Gene Expression to Insect Biting Sites in Transgenic Cotton	Allah Bakhsh; Emine Anayol; Sebahattin Ozcan
115	Jorge Luis Saavedra Diaz	Native Species of Entomopathogenic Nematodes With Potential for Control of <i>Spodoptera frugiperda</i> Smith. and <i>S. eridania</i> (Stoll) (Lepidoptera: Phalaenidae) in Peru	Jorge Luis Saavedra Diaz; Lito Sigueñas Montalvo

Room Area Chair Sala Serra Dourada
ICGI Conference: Structural and Functional Genomics
Dr. Brian Scheffler

Oral #	Presenter	Title	Authors
116	David Fang	Mapping-by-sequencing of Major Genes and QTLs in Tetraploid Upland Cotton	David Fang; Gregory Thyssen; Md islam; Marina Naoumkina; HeeJin Kim
117	Wangzhen Guo	Development of a Genome-wide 90K SNP Array on Allopolyploid Upland Cotton	Wangzhen Guo; Caiping Cai; Tianzhen Zhang
118	Khezir Hayat Bhatti	Molecular Tagging of QTLs for Fiber Quality in Cotton by Using SNPs	Khezir Hayat; Yuksel Bolek; Adem Bardak
119	Vamadevaiah Hiremath	Expression Studies of Transcription Factors under Moisture Stress in Cotton (<i>Gossypium hirsutum</i> L.)	Vamadevaiah Hiremath; Sagar Yadav; Ishwarappa Katageri; Basavaraj Khadi
120	Zhongxu Lin	Interspecific Recombination Rate, Segregation Distortion and Hybrid Breakdown in Cotton	Zhongxu Lin; Baoshen Dai; Yu Yu; Xianlong Zhang

Room Area Chair Sala Águas Quentes
Fiber Quality and Processing
Dr. Dean Ethridge

Oral #	Presenter	Title	Authors
121	Iwona Frydrych	Comparison of Utility Properties of Fabrics Made of Cotton and Cotton/PES Blends	Iwona Frydrych; Malgorzata Matusiak
122	Negm Mohamed	Characteristics of Cotton Fabrics Produced from Sirospunand Plied Yarns	Mohamed Negm; Susan Sanad
123	Jean-Paul Gourlot	Is it Possible to Check Microginning Fiber Quality Preservation Performance Using Reference Seed-Cotton?	Mamadou Togola; Jean-Paul Gourlot; Eric Goze; Abdoul Karim Traore
124	Malgorzata Matusiak	Cotton Color Measurement by Means of HVI, Spectrophotometer and Digieye	Malgorzata Matusiak; Anetta Walawska
125	Neima Hamid Osman	Effect of Nitrogen and Phosphorus Fertilizers on Medium Count Cotton Fiber Properties, Barac(67) B	Neima Osman; Ibrahim Mohamed

Room Area Chair
Sala Rio Araguaia
Physiology / Precision Agricultural
Dr. Liv Soares Severino

Oral #	Presenter	Title	Authors
126	Basanagouda Janagoudar	Impact of Nutrients on Vegetation Index, Canopy Reflectance and Biophysical Parameters in Bt Cotton.	Manjugouda Patil; Basanagouda Janagoudar; Amaregouda Patil
127	Robert Nichols	Quantifying Cotton Cultivar Maturity Across Diverse United States Environments	Robert Nichols; Curtis Schaffer; Guy Collins; Christopher Main; Jared Whitaker; Craig Bednarz; Glen Ritchie
128	Daniel Kean Yuen Tan	Can Paclobutrazol Improve Vigour and Cold Tolerance of Cotton Seedlings Under Cool Conditions?	Daniel Tan; Marc Freeth, Michael Bange
129	Abdullah Keerio	Influence of Potassium on the Incidence of CLCuV Disease and its effect on seed cotton yield	Abdullah Keerio; Mushtaq Ali Leghari; Vishandas Suthar; Bushra Urooj Panhwar; Allah Dino Kalhoro; Fakhar Imam Khaskheli
130	Luz Angelica Suarez Cadavid	Prediction of Yield Loss in Cotton Crops Caused by Herbicide Drift Through the Analysis of Hyperspectral Data	Luz Angelica Suarez; Armando Apan; Jeff Werth

12:15 pm Lunch

01:45 - 05:30 pm **IAEA Meeting (By Invitation)**
Room: Sala Lago das Brisas

01:45 pm **PARALLEL SESSION 8**

Room Area Chair
Auditório Lago Azul
Cotton Protection
Dr. Megha N. Parajulee

Oral #	Presenter	Title	Authors
131	Brian Scheffler	Development and Implementation of a Comprehensive Program to Combat Cotton Leaf Curl Virus Through International Cooperation	Brian Scheffler
132	Muhammad Saeed	Characterization of epicuticular wax in cotton (<i>Gossypium hirsutum</i> L.) in relation to Cotton Leaf Curl Disease (CLCuD) resistance	Muhammad Saeed
133	Akhtar Ali	Update on the Virus Diseases of Cotton in the United States	Akhtar Ali
134	Linda Smith	Diseases In Australian Cotton	Linda Smith; Linda Scheikowski; Paul Melloy; John Lehane
135	Gupta Vadakattu	Effect of Crop Rotation and Environment on Fungal Communities in Australian Cotton Soils	Gupta Vadakattu; Linda Smith; Karen Kirkby; Linda Scheikowski; Ian Rochester; Nilantha Hulugalle; Christopher Penton

Room Area Chair
Sala Serra Dourada
ICGI Conference
Dr. David Stelly

Room Area Chair
Sala Águas Quentes
Harvesting and Post-Harvesting Technologies
Dr. Robert Nichols

Oral #	Presenter	Title	Authors
136	Michael Braunack	Changes in Soil Compaction Due to Cotton Picker Traffic During Harvest on Australian Cotton Soils.	Michael Braunack 1
137	Edward Barnes	Use of Electronic Technologies to Managed Seed Cotton Modules in the United States	Edward Barnes; John Wanjura
138	Gregory Holt	Evaluation of a New Mechanical Delinting System for Cottonseed	Gregory Holt; Tom Wedegaertner; John Wanjura; Mathew Pelletier
139	John Wanjura	Advancements in Cotton Harvesting Research	John Wanjura; Gregory Holt; Mathew Pelletier
140	Prashantkumar Gulabrao Patil	Cotton By-products and its Potential Industrial Applications	Prashantkumar Gulabrao Patil; Sundaramoorthy

Room Area Chair
Sala Rio Araguaia
Physiology / Precision Agricultural
Dr. Hezhong Dong

Oral #	Presenter	Title	Authors
141	Robert Sharwood	Understanding the Photosynthetic Biochemistry that Underpins Cotton Photosynthesis Under Future Climate Extremes.	Robert Sharwood; Bala Sonanwane; Oula Ghannoum; Spencer Whitney; David Tissue; Michael Bange
142	Zhen Luo	Physiological and Molecular Mechanisms of the Improved Root Hydraulic Conductance under Partial Root-Zone Irrigation in Cotton	Zhen Luo; Xiangqiang Kong; Hezhong Dong; Weijiang Li
143	Stephen Yeates	Balancing Canopy Management Using Mepiquat Chloride With Recovery From Biotic and Abiotic Stress in the Australian Tropics.	Stephen Yeates; Paul Grundy
144	Marcelo Paytas	Developing Management Options for Cotton Grown in Variable Solar Radiation Regions: Yield Recovery in Response to Reduced Radiation During Flowering and Cultivar	Marcelo Paytas; Stephen Yeates; Michael Bange
145	Juan A Landivar	Integration of Ground- and UAS-Platforms for the Evaluation of Cultivar Performance (Phenotyping) and Experimental Treatments	Juan Landivar

03:40 pm COFFEE/TEA

04:00 - 05:30 pm **POSTER VIEWING**

FRIDAY MAY 6

- 08:00 REGISTRATION
- 08:30 **PLENARY 7: The first 60 million years of cotton improvement, and what may lay ahead.**
 Speaker: Dr. Andrew Paterson, University of Georgia, USA
 Chair: Dr. Shahid Mansoor, NIBGE, Pakistan
 Co chair: Dr. Basavaraj M. Khadi, University of Agricultural Sciences, Dharwad, India
 Room: Auditório Lago Azul
- 09:15 **PLENARY 8: Integrated pest management to compliment GM traits**
 Speaker: Dr. Keshav Raj Kranthi, Central Institute for Cotton Research, India
 Chair: Dr. Sebastião Barbosa, Embrapa, Brazil
 Co chair: Dr. Haroldo Rodrigues da Cunha, Instituto Brasileiro de Algodão, Brazil
 Room: Auditório Lago Azul
- 10:00 COFFEE/TEA
- 10:30 - 12:15 pm **JOINT SESSION / CLOSING**
 Room: Auditório Lago Azul
- 12:15 pm Lunch
- 01:45 - 05:30 pm **IAEA Meeting (By Invitation)**
 Room: Sala Lago das Brisas

POSTER PRESENTATIONS

AREA: BREEDING AND CROP IMPROVEMENT IN COTTON

Poster #	Presenter	Title	Authors
1	José Jaime Vasconcelos Cavalcanti	Expression Of The Serk Gene In Non-Recalcitrant Cotton Genotypes	José Jaime Vasconcelos Cavalcanti; Roseane Cavalcanti dos Santos; Carliane Rebeca Coelho da Silva; Julita Maria Frota Chagas Carvalho; Liziane Maria de Lima; Taiza da Cunha Soares
2	Ghorban Ali Roshani	Comparison Of Successful Cotton Genotypes In Saline Regions Of Iran	Ghorbanali Roushani
3	Matheus Rodrigues Martins	Grouping Of Cotton Genotypes Of Colored Fiber Derived From Different Crosses	Matheus Rodrigues Martins; Michel de Carvalho Reis; Bruna Cardoso Gomes; Cynthia Pereira Gundim; Danilo Araújo Gomes; Elvécio Gomes da Silva Júnior; Guilherme Hugo da Silva Costa; João Felipe Moraes Ferreira; Letícia Teixeira Gold Pereira; Larissa Barbosa de Sousa
4	Matheus Rodrigues Martins	White Fiber Cottonseed And Fiber Yield From Biparental Crossing	Matheus Rodrigues Martins; Bruna Cardoso Gomes; Cynthia Pereira Gundim; Daniel Bonifácio Oliveira Cardoso; Daniel Inserra Bortolin; Elvécio Gomes da Silva Júnior; Guilherme Hugo da Silva Costa; João Felipe Moraes Ferreira; Matheus Araújo Bernardes de Souza; Larissa Barbosa de Sousa
5	Zerihun Desalegn Gebregiorgis	High Ginning Out Turn And The Improvement Of Ethiopian Cotton Production	Zerihun Desalegn Gebregiorgis
6	Omran Alishah	Genetic Study Of Physiological Traits In Inter Varietal Crosses Cotton (G.Hirsutum) In Salinity And Non Salinity Stress Condition	Omran Alishah

7	Daniel Inserra Bortolin	Relative Importance Of Characters In The Study Of Genetic Diversity Of Gossypium Hirsutum Cotton Genotypes	Daniel Inserra Bortolin; Bruna Cardoso Gomes; Daniel Bonifácio Oliveira Cardoso; Elvécio Gomes da Silva Júnior; Guilherme Hugo da Silva Costa; Luccas Marques de Souza Falco; Matheus Rodrigues Martins; Melissa Martins de Araújo; Ana Flávia Oliveira Nascimento; Larissa Barbosa de Sousa
8	Daniel Inserra Bortolin	Plume Yield And Number Of First Position Fruits In Colored Fiber Cotton Genotypes	Daniel Inserra Bortolin; Danilo Araújo Gomes; Cynthia Pereira Gundim; Guilherme Hugo da Silva Costa; Letícia Teixeira Gold Pereira; Matheus Rodrigues Martins; Melissa Martins de Araújo; Michel de Carvalho Reis; Morgana Coelho Mamede; Larissa Barbosa de Sousa
9	Sema Basbag	The Seed Content Of Some Cotton Genotypes	Remzi Ekinci; Sema Basbag
10	Farshid Talat	Multivariate Statistical Analyses Of Earliness In Upland Cotton	Farshid Talat; Sayna Shadparvar; Zarrin Jamshidian; Medhi Badri
11	Manuel Pedro Maleia	Stability And Adaptability Of Cotton (Gossypium hirsutum L.) Genotypes Based On Ammi Analysis In Mozambique	Manuel Pedro Maleia; Afonso Raimundo; Jaime Omar Teca; Fatima Adriano Chale; Edson Jamal; Joaquim Nhacha Dentor; Badrodine Adamuge
12	Larissa Barbosa De Sousa	Phenotypic Correlation Between Agronomical And Morphological Characters Of The Cotton Plant (Gossypium hirsutum L.)	Larissa Barbosa de Sousa; Melissa Martins de Araújo; Daniel Bonifácio Oliveira Cardoso; Daniel Inserra Bortolin; Elvécio Gomes da Silva Júnior; Letícia Teixeira Gold Pereira; Luccas Marques de Souza Falco; Matheus Araujo Bernardes de Souza; Michel de Carvalho Reis; Leandro Yoshiaki Muraoka;
13	Larissa Barbosa De Sousa	Genetic Divergence Among Cotton Genotypes Of Colored Fiber	Larissa Barbosa de Sousa; Daniel Inserra Bortolin; Matheus Rodrigues Martins; Daniel Bonifácio Oliveira Cardoso; Michel de Carvalho Reis; João Felipe Moraes Ferreira; Letícia Teixeira Gold Pereira; Danilo Araújo Gomes; Jenifer Camila Godoy dos Santos; Ana Flávia Oliveira Nascimento
14	S. M. Palve	Genetic Analysis Of Seed Cotton Yield And Fibre Quality In Advanced Breeding Lines Of Upland Cotton (Gossypium hirsutum L.)	Shivaji Palve
15	Camilo De Lelis Morello	Embrapa'S Cotton Improvement Program For The Brazilian Cerrado	Camilo de Lelis Morello; Nelson Dias Suassuna; Murilo Barros Pedrosa; João Luís Silva Filho; Paulo Augusto Vianna Barroso; Tais de Moraes Falleiro Suassuna; Fabiano José Perina; Sidnei Douglas Cavaliere; Fernando Mendes Lamas; Luiz Gonzaga Chitarra
16	Meltem Bayraktar	Somatic Embryogenesis And Plant Regeneration In Gossypium hirsutum L. Cv. Nazilli-143	Sadiye Hayta-Smedley; Nedim Ozbek; Arif Ansiz; Meltem Bayraktar; Aynur Gurel
17	Saulo Muniz Martins	A Root Phenotyping Platform For The Study Of Root System Architecture In Cotton: Features And Validation	Saulo Muniz Martins; Alberto Souza Boldt; Bruna Mendes Diniz Tripode; Washington Conceição Gonçalves; João Batista Duarte; João Luís da Silva Filho; Marc Giband
18	Tekale Pradeep	Genetic Divergence In Multiple Cross Derivatives Of Upland Cotton (Gossypium hirsutum L.)	Pradeep Tekale; Gopala Krishna Murthy Kankati; Radha Krishna, K. V.; Soka Reddy Sallaram

19	Luiz Paulo De Carvalho	Selection For Increased Fiber Length In Cotton Progenies From Acala And Non- Acala Types	Luiz Paulo de Carvalho; Francisco Jose Correia Farias; Josiane Isabela da Silva Rodrigues
20	Francisco Jose Correia Farias	Genetic Analyses Of Cotton Maturity Among Brazilian And Us Upland Genotypes	Francisco José Correia Farias; Wayne Smith; Camilo de Lellis Morello; Steve Hague; Filipe Cavalcante Farias
21	Francisco Jose Correia Farias	National Cotton Variety Test At Savanna Areas In Brazil - 2013/14.	Francisco José Correia Farias; João Luis da Silva Filho; Camilo de Lellis Morello; Murilo Barros Pedrosa; Nelson Dias Suassuna; Luiz Paulo de Carvalho; José Jaime Vasconcelos Cavalcanti
22	Begüm Akyol	Callus Induction From In Vitro Anther Cultures Of Two Different Cotton (<i>Gossypium hirsutum</i> L.) Cultivars	Begüm Akyol; Meltem Bayraktar; Mehmet Çoban; Aynur Gürel
23	Luiz Gonzaga Chitarra	Resistance Of Cotton Lines And Cultivars To <i>Meloidogyne Incognita</i> Race 3.	Luiz Gonzaga Chitarra; Camilo de Lellis Morello; Murilo Barros Pedrosa; Flávio Dessaune Tardin
24	Aynur Gürel	The History Of Two Naturally Colored Cotton Varieties: "Emirel" And "Akdemir"	Aynur Gurel; Huseyin Akdemir; Meltem Bayraktar
25	Juan Carlos Cousiño Bareiro	Ipta 212 And Ipta 232: Two New Paraguayan Cotton Varieties (<i>Gossypium</i> spp)	Juan Carlos Cousiño Bareiro; Alicia Gonzalez; Francisco Ibarra; Vilma Gimenez;
26	Luz Marina Espinoza De Arenas	Response Of A Tangüis Variety To Inoculation With Selected Strains Of Plant Growth-Promoting Rhizobacteria (Pgpr) Under Controlled Conditions In Ica, Peru	Luz Marina Espinoza de Arenas
27	Remco Van Poecke	Title: Croppedia - Integrated Database & Software Interface For Discovery & Accelerated Breeding	Remco M.P. van Poecke; Rudi L. van Bavel; Jan van Oeveren; Anker P. Sørensen
28	José Jaime Vasconcelos Cavalcanti	Combining Ability Estimates For Agronomic And Morphological Traits In Cotton Under Water Stress	José Jaime Vasconcelos Cavalcanti; Ubieli Alves Araújo Vasconcelos; Walimir Souza Vasconcelos; Roseane Cavalcanti dos Santos; Francisco José Correia Farias; Gildo Pereira de Araújo; José Henrique de Assunção
29	Roseane Cavalcanti Dos Santos	Immunodetection And Feeding Bioassays As Tools To Identifying Gm Cotton Resistant To Insect	Santos Roseane Cavalcanti; Rose Monnerat; Érica Soares Martins.; Liziane Mria de Lima.; Carliane Rebeca Coelho da Silva

AREA: COTTON AGRONOMY AND SUSTAINABLE PRODUCTION

Poster #	Presenter	Title	Authors
30	Leonardo Quirino De Oliveira	Analysis Of The Production Of Cotton Under Different Doses Of Phosphogypsum In Cerrado Soil	Leonardo Oliveira; Marciana Silva; Itamar Oliveira; Antonio Lima junior; Laiza Rodrigues; Eduardo Miranda; Denise Martins
31	Lucia Vieira Hoffmann	Nitrogen Absorption By Ten Cotton Varieties And Effect Azospirillum Inoculation	Lúcia Vieira Hoffmann; Raysa Marques Cardoso; Michelle Christine Gomes de Moraes; Kálita Cristina Moreira Cardoso; Ana Luiza Dias Coelho Borin; Alexandre Cunha de Barcellos Ferreira
32	Michael Ortigara Goulart	Cotton Selectivity To Diclosulam Applied In Different Soils And Seasons Of Seeding	Michael Ortigara Goulart; Bianca Nathiele Favetti Chagas; Jonnathan de Almeida Marques; Miriam Hiroko Inoue

33	Zhen Luo	Use Of High Plant Density For Increasing Cotton Yield And Water Saving Under Deficit Irrigation In Arid Areas	Zhen Luo; Hezhong Dong
34	Mario Hugo Mondino	Using Winter Crops As A Complementary Source Of Nitrogen For Cotton Production Under Irrigation	Mario Hugo Mondino
35	Mirella Dos Santos Pereira	Growth Regulator Management Under Spacing And Population Densities In Cotton Crop	Mirella dos Santos Pereira; Jailson Vieira Aguilari; Enes Furlani Junior; Igor Cabreira da Silva; Carlos Vinicius Sanches; Amanda Pereira Paixão
36	Julio Cesar Bogiani	Cotton Production Stability Under Different Cover Crops Biomass	Julio Cesar Bogiani; Alexandre Cunha de Barcellos Ferreira; Ana Luiza Dias Coelho Borin; Fabiano José Perina; Francisco Ivanildo Soares da Silva;
37	Julio Cesar Bogiani	Nitrogen Fertilization Management For Cotton Under Corn-Brachiaria Straw In No-Tillage System	Julio Cesar Bogiani; Ana Luiza Dias Coelho Borin; Alexandre Cunha de Barcellos Ferreira Fabiano José Perina 1, Francisco Ivanildo Soares da Silva 3
38	Ana Luiza Dias Coelho Borin	Nitrogen Uptake And Export From A Brazilian Cotton Cultivar	Ana Luiza Dias Coelho Borin; Alexandre Cunha de Barcellos Ferreira; João Luis da Silva Filho; Julio César Bogiani; Michelle Christine Gomes de Moraes
39	Khurshida Narbaeva	An Effect Of Biopreparations With Complex Action Rizokom-1 And Serhosil On Productivity Of Cotton Variety Bukhara-9 On Saline Soils	Khurshida Narbaeva; Anastasiya Babina; Gulnara Djumaniyazova; Makhbuba Ikramova; Bakhtiyor Rakhmatov
40	Khurshida Narbaeva	Nitrate Reductase Activity Of Saline Soil At Application Of The Biopreparation Of Complex Action Rizokom-1 On Cotton	Khurshida Narbaeva; Anastasiya Babina; Gulnara Djumaniyazova; Saidakhon Zakiryeva;
41	Aynur Gürel	Importance Of Organic Cotton For Turkey	Ülfet Erdal; Meltem Bayraktar; Aynur Gurel
42	Alexandre Cunha De Barcellos Ferreira	Soil Organic Matter After Nine Years Under Crop Rotation, Conventional, And No-Till Cotton Production Systems	Alexandre Cunha de Barcellos Ferreira; Ana Luiza Dias Coelho Borin; Fernando Mendes Lamas; Julio César Bogiani
43	Pius Elobu	Use of Tythonia diversifolia to improve cotton productivity under marginal soils in Uganda	Pius Elobu; James Ronald Ocan; John Olinga; Paul Ogabe

AREA: COTTON PHYSIOLOGY

Poster #	Presenter	Title	Authors
44	Bruna Cardoso Gomes	Effect Of Different Application Timings Of Mepiquat Chloride In Plant Height And Number Of Fruits In Cotton Genotypes.	Bruna Cardoso Gomes; Cynthia Pereira Gundim; Daniel Bonifácio Oliveira Cardoso; Danilo Araújo Gomes; Elvécio Gomes da Silva Júnior; João Felipe Moraes Ferreira; Luccas Marques de Souza Falco; Matheus Araujo Bernardes de Souza; Michel de Carvalho Reis; Larissa Barbosa de Sousa;
45	Bruna Cardoso Gomes	Effect Of Anticipated Application Of Mepiquat Chloride In Chlorophyll Content A And B On Cotton Genotypes	Bruna Cardoso Gomes; Cynthia Pereira Gundim; Danilo Araújo Gomes; Guilherme Hugo da Silva Costa; João Felipe Moraes Ferreira; Luccas Marques de Souza Falco; Matheus Araujo Bernardes de Souza; Melissa Martins de Araújo; Morgana Coelho Mamede; Larissa Barbosa de Sousa;

46	Asia Perveen	Adaptability Of Transgenic Cotton Genotypes To High Temperature Stress	Asia Perveen; Fiaz Ahmad
47	Mirella Dos Santos Pereira	Development, Fiber Quality And Production Of Upland Cotton Genotypes (<i>Gossypium hirsutum</i> L. var <i>latifolium</i> Hutch) Submitted To Mepiquat Chloride	Mirella dos Santos Pereira; Amanda Pereira Paixão; Enes Furlani Junior; Carlos Vinicius Sanches; Simone Silva Hiraki; Luis Henrique Marani Daruichi Machado
48	Jayant H.Meshram	Phenotyping Of <i>Gossypium hirsutum</i> Germplasm Lines For Drought Tolerance Traits	Jayant Meshram;, J Annie Sheeba
49	Carlos Vinicius Sanches	Application Of Growth Regulator In Cotton By Spraying And In The Seeds	Carlos Vinicius Sanches; Anna Caroline Pelais Queiroz; Enes Furlani Junior; Mirella dos Santos Pereira; Jailson Vieira Aguiar
50	Fábio Echer	Responses Of Cotton Cultivars To Shading	Fábio Echer; Lincoln Araújo
51	Michael Plumblee	Damage Simulation In Early- And Late-Maturing Cotton Varieties In The Mid-South	Michael Plumblee; Darrin Dodds; Tyson Raper; Andrea Jones; Dan Fromme
52	Harel Bacher Juan Piero	How Do High Temperatures Impair Cotton (<i>Gossypium</i> spp.) Productivity?	Harel Bacher; Yehoshua Saranga
53	Antonio Raphael	Cotton Germination And Emergence As Affected By Cultivars And High Diurnal Temperatures	Juan Piero Antonio Raphael; Bruno Gazola; Jesion Geibel da Silva Nunes; Gabrielle de Castro Macedo; Ciro Antonio Rosolem
54	Meltem Bayraktar	The Impact Of Leaf Anatomy On Drought Tolerance And Yield Of Cotton Cultivars	Lale Yildiz Aktas; Bulent Yagmur; Meltem Bayraktar; Aynur Gurel;
55	Roseane Cavalcanti Dos Santos	Initial Growth And Gene Expression In Cotton Genotypes Under Water Deficit	Roseane Cavalcanti dos Santos; Vandre Guevara Lyra Batista; Pedro Dantas Fernandes; Pericles Albuquerque Melo Filho; Liziane Maria de Lima

AREA: COTTON PROTECTION

Poster #	Presenter	Title	Authors
56	Ebadollah Baniani	Effect Of Seeds Treatment With Fungicides And Insecticides On Germination And Vigurity, Abnormal Root Producing And Protection Of Cotton Seedling	Ebadollah Baniani; Morteza Arabsalmani; Ebrahim Frahani;
57	Edivaldo Cia	Cotton Reaction To Disease And Nematode In Brazil	Edivaldo Cia; Milton Geraldo Fuzatto; Julio Isao Kondo; Rafael Galbieri; Luiz Henrique Carvalho; Fábio Luiz Ferreira Dias; Guilherme A. Ohl; José Carlos Cavichioli; Murilo B. Pedrosa; Rogério Soares de Freitas
58	Alderí Emídio De Araújo	A New Method To Differentiate <i>Colletotrichum gossypii</i> and <i>Colletotrichum gossypii</i> var. <i>cephalosporioides</i> Using The IGS Region of rDNA	A. E. Araújo; F. S. Fernandes; W. M. Coutinho; G. F. Silva
59	Lawrence Malinga	Efficacy Of Organic Nematicides On <i>Meloidogyne javanica</i> For Small-Scale Cotton Farmers In South Africa	Lawrence Malinga
60	Alfredo Riciere Dias	Effect Of Protectant Fungicides And Fertilizers Associated With Azoxystrobin And Cyproconazole Fungicides To Control <i>Ramularia areola</i> and <i>Corynespora cassiicola</i> On Cotton Crop.	Alfredo Riciere Dias; Hugo Manuel de Souza; Eric Fabiano Seraguzi; Juliano Antonio Rodrigues Oliveira; Andrey Carmona Cervigni; José Edson Paschoal; Luis Guilherme Gonçalves da Costa; Rafael Azevedo Borges

61	Hisham Mohamed Mohamed Elbassouiny	Cotton Bollworm <i>Helicoverpa armigera</i> : Control By Conventional And Biorational Insecticides	Hisham Mohamed Mohamed El-bassouiny; Haity M. Tadrose; Aly Zakria El-Nagger;
62	Whitney D Crow	Evaluation Of Timing Intervals Of Foliar Applications For The Control Of Tobacco Thrips (<i>Frankliniella fusca</i>) In Cotton	Whitney Crow; Angus Catchot; Jeff Gore; Darrin Dodds; Thomas Allen; Don Cook; Scott Stewart; David Kerns
63	Tom Walsh	Identifying And Characterising Novel Modes Of Action For Insecticidal Toxins.	Thomas Walsh; Craig Anderson; Lars Jermiin; Wee Tek Tay; Sharon Downes
64	Adam Whalen	Factors Affecting Foraging Honey Bee Exposure To Neonicotinoid Seed Treatments In Midsouthern U.S. Cotton Fields	Adam Whalen; Angus Catchot; Jeff Gore; Scott Stewart; Gus Lorenz; Don Cook; Fred Musser
65	Nick Bateman	Seasonal Occurrence Of Lepidopteran Pest Of Soybean And The Implications For The Natural Refuge	Nick Bateman; Angus Catchot; Jeff Gore; Don Cook; Fred Musser; Trent Irby
66	Benjamin Carroll Thrash	Termination Of Insecticide Sprays For Tarnished Plant Bug	Ben Thrash; Angus Catchot; Jeff Gore; Don Cook; Gus Lorenz; Glenn Studebaker; Nick Seiter; David Kerns; Sebe Brown; Scott Stewart
67	Fábio Echer	Plant Growth Parameters And Cotton Bollworm [<i>Helicoverpa armigera</i> (Hübner)] Survivorship On Water Stressed Cotton Bt Varieties	Fábio Echer; Miguel Soria
68	Antonio Chamuene	Factors Determining The Attack Of <i>Aphis gossypii</i> Glover, 1877 (Hemiptera: Aphididae) On Cotton (<i>Gossypium hirsutum</i>)	Antonio Chamuene; Marcelo Picanço; Paulo Berger
69	Scott Stewart	The Impact Of A New Bt Cotton Trait On Thrips And Their Injury In Seedling Cotton	Scott Graham; Scott Stewart
70	Lucas Xavier Franca	Impact Of Nitrogen Application Rate On Tarnished Plant Bug Populations, Control, And Cotton Yield	Lucas Franca; Chase Samples; Darrin Dodds; Jeff Gore; Bobby Golden; Angus Catchot; Jac Varco; John Riley; Andrew Denton; Drake Copeland
71	João Paulo Ascari	Relationship Between <i>Ramularia</i> Leaf Spot And The Development Of Cotton Crop (Harvest Of 2013/2014)	João Paulo Ascari; Inês Roeder Nogueira Mendes; Rafael Sbruzzi Prieto; Angélica Carmo de Meneses; Marcos Vinícius Foschiera; Danielle Storck-Tonon; Rivanildo Dallacort; Dejânia Vieira de Araújo
72	João Paulo Ascari	Effect Of Fungicide On <i>Ramularia</i> Leaf Spot And Vegetative Characteristics In The Cotton Harvest Of 2014	João Paulo Ascari; Leonardo Diogo Ehle Dia; Inês Roeder Nogueira Mendes; Rafael Sbruzzi Prieto; Marcos Vinícius Foschiera; Thainara Porcher; Danielle Storck-Tonon; Dejânia Vieira de Araújo
73	Vanessa Costa Da Silva	Influence Of Photoperiod On Mycelial Growth And <i>Conidia</i> Production Of <i>Ramularia areola</i>	Vanessa Costa da Silva; Inês Roeder Nogueira Mendes; Jurandir Ambrósio; João Paulo Ascari; Thainara Porcher; Kethelin Cristine Laurindo de Oliveira; Danielle Storck-Tonon; Dejânia Vieira de Araújo
74	Inês Roeder Nogueira Mendes	Sanitary Quality Of Seeds Produced In Different Canopy Layers Of Cotton Cultivars	Inês Roeder Nogueira Mendes; João Paulo Ascari; Vanessa Costa da Silva; Marcos Vinícius Foschiera; Kemely Mara Ramalho Hiega; Danielle Storck-Tonon; Willian Krause; Dejânia Vieira de Araújo

75	Inês Roeder Nogueira Mendes	Morphological Characteristics Of Ramularia areola On Different Culture Media	Inês Roeder Nogueira Mendes; Jurandir Ambrósio; João Paulo Ascari; Vanessa Costa da Silva; Kemely Mara Ramalho Hiega; Kethelin Cristine Laurindo de Oliveira; Danielle Storck-Tonon; Dejánia Vieira de Araújo
76	Idrissa Tereta	Cotton Topping As A Way To Reduce Farmer's Reliance On Insecticides In Mali	Idrissa Tereta; Thierry Brevault; Fagaye Sissoko; François-Regis Goebel; Alain Renou
77	Fabiano Jose Perina	Insecticides Applications To Control Lepidopterans-Pests In Cotton And Soybeans In Western Bahia Region: An Overview	Fabiano Jose Perina; Augusto Guerreiro Fontoura Costa; Luiz Guilherme Rebello Wadt; Aldemir Chaim
78	Ricardo Sequeira	Development Of An Ipm Strategy For Phenacoccus solenopsis (Cotton Mealybug) In Australia	Richard Sequeira; Moazzem Khan; Kristy Byers; Gail Spargo; David Reid
79	Nelson Dias Suassuna	Evaluating Resistance To Ramulosis In Cotton	Nelson Dias Suassuna; João Luís Silva Filho; Taís de Moraes Falleiro Suassuna; Camilo de Lelis Morello
80	Carlos Alberto Domingues Da Silva	Trigona spinipes (Hymenoptera: Apidae, Meliponinae) Damaging Cotton Plants In Paraíba State, Brazil	Thiele da Silva Carvalho; Carlos Alberto Domingues da Silva; Sílvia Ramos de Oliveira; Eduardo Domingos Vasconcelos; Antônio L. de Arroxelas Galvão Filho
81	Sandra Maria Morais Rodrigues	Host Weeds Of Bemisia tabaci (Gennadius, 1889) Biotype B (Hemiptera: Aleyrodidae) In Cotton (Gossypium hirsutum L.).	Sandra Maria de Morais Rodrigues; Alexandre Ferreira da Silva

AREA: ECONOMICS/COTTON COMPETITIVENESS

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82	Alejandro Valeiro	Fifteen Years Of Gm Cotton In Argentina: A Partial Balance	Alejandro Valeiro

AREA: FIBER QUALITY AND PROCESSING

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83	Abdelrahman Hassan Abdellatif	Over View On Sudan Cotton Research: Fiber Quality And Stickiness	Abdelrahman Abdellatif; Elafadil Babiker
84	Negm Mohamed	Relationships Between Hvi And Ccs And Tensile Yarn Strength	Mohamed Negm; Suzan Sanad; Zeinab Ghareeb

AREA: GENETICS AND GENOMICS – ICGI 2016 BIENNIAL CONFERENCE

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85	Sukumar Saha	Development And Utilization Of Interspecific Chromosome Substitution Lines In Genetic Analysis And Germplasm Improvement Of Upland Cotton.	Sukumar Saha; David M. Stelly; Johnie N. Jenkins; Jack C. McCarty; Russell Hayes
86	Guillermo Marcelo Gomez	Mapping Of Qtls Identified In A Novel Source Of Resistance To The Root-Knot Nematode (Meloidogyne Incognita Race 3) In Cotton (Gossypium Barbadosense L.)	Guillermo Marcelo Gomez; Marcio C. Moretzsohn; Esdras Henrique da Silva; Cleber Furlanetto; Joelma Gardênia P. Silva; Jean-Marc Lacape; Paulo A.V. Barroso; Regina M.D.G. Carneiro; Marc Giband
87	Joshua Udall	Allele-Mining Rna-Seq Data Of Cotton (Gossypium hirsutum L.) Roots	Daojun Yuan; Alex Freeman; Christopher Hanson; Sara Greenfield; Aaron Sharp; Lori Hinze; Richard Percy; Joshua A Udall
88	Maite Vaslin De Freitas Silva	Complete Genome Of The Cotton Anthocyanosis Virus	Rhuana O Santos; Anna Karoline S Fausto; Roberto Andrade; Tatiane S da Franca; Marc Giband; Maite F S vaslin

AREA: MEASURING SUSTAINABILITY IN COTTON FARMING SYSTEMS

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89	Nageeb Ibrahim Bakheit	Vision For Reforming Gezira Scheme In Sudan By Strengthening Cotton Smallholders Field-Level Organization And Decision-Making	Nageeb Ibrahim Bakheit
90	América González Sanabria	Economic Parameters For The Cotton Sector In Paraguay: Baseline Analysis In Rural Family Farming	Claudia Sepulveda Garrido; America Gonzalez Sanabria; Adriana Calderan Gregolin; Beatriz Marciel; Rodrigo Allende; Emilio Valiente

AREA: SOCIAL DYNAMICS AND TECHNOLOGY TRANSFER

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91	Joshua Usha Rani	Cotton Transfer Of Technology Prospects For Next Decade In India	Usharani Joshua
92	S.M.Wasnik	'E- Kapas': An Ict Model Of Extension For Knowledge Empowerment Of Cotton Farmers In India	Siddharth Wasnik; K.R. Kranthi; Blaise D.
93	Santam Singh	Mobile Phone Based Voice Call : An Efficient Means For Dissemination Cotton Protection And Production Technologies	Isha Gaur; Satnam Satnam; Suneet Pandher; Kulvir Singh; Pankaj Rathore
94	Joelcio Cosme Carvalho Ervilha	Communication For Development - Catalyzing Participatory Process For The Transfer Of Technology In The Scope Of Cotton Family Farming: The Case Of Paraguay	Alberto Troilo; Joelcio Cosme Carvalho Ervilha; Adriana Calderan Gregolin; America Gonzalez Sanabria
95	Diana Raquel Piedra	Argentina: Inta And Cotton Research	Diana Raquel Piedra
96	Mutibo Chijikwa Mushenywa	The performance of Farmer Field Schools in the Zambian cotton production system	Mutibo Chijikwa; Suzanne Philips