9th IAPSIT International Sugar Conference & Sugarcon-2026

November 17-20, 2026

Venue: Nanning Hotel, Nanning, Guangxi, P. R. China

PROGRAMME SCHEDULE

Monday, November 16, 2026

Time	Activity	Venue
16.00-19.00	**Arrival of Guests in Nanning, China**	Nanning Hotel
18.00-20.00	**Dinner**	Nanning Hotel
09.00-20.00	**Registration Desk Open** **(Registration will continue on 17 and 18 November)**	Nanning Hotel Conference Reception

Day I

Tuesday, November 17, 2026

Time	Activity	Venue
Inaugural Session of ISC-2026 : Nanning Hotel Main Hall **9:00-12:30** **Chairman: Prof Yang-Rui Li**		
09.00-09.10	**Welcome address to ISC-2026 Nanning:** Governor	Main Hall
09.10-9.15	**Opening address** by Prof. Jian Sun, President, GXAAS, Nanning	
09.10-09.15	**Formal Opening of ISC 2026 and Welcome address**: Prof. Yang-Rui Li, President IAPSIT	
09.15-09.20	**Welcome address:** Dr. S. Solomon, President SSRP &Vice-President, IAPSIT	
09.20-09.30	**Welcome address:** Academician Fusuo Zhang, CAU	
09.30-09.45	**Photo session**	
09.45-10.10	**Plenary Talk:** Academician Wei Zhou	Main Hall
10.10.10.25	**TEA BREAK**	
	Special Session: **Opening address: Dr Prakash Lakshmanan**	

10.25-10.45	**Video Presentation:** 70th anniversary of Sugarcane Research Institute, GXAAS. **Video Presentation:** IAPSIT: 22 Years of Glorious Service to Global Sugar Industry	Main Hall
10.45-11.15	**Felicitation function of Prof. Yang-Rui Li** **Introductory remarks by Dr. S. Solomon** : Celebrating Excellence, Honoring a Legacy **Video presentation :** A Visual Tribute to Life and Legacy of Prof. Yang Rui Li **Presentation of memento & souvenir to Prof. Y.R. Li** by Dr S. Solomon, Dr. G.P. Rao and Dr. Prakash Lakshmanan **Release of a Special Biography of Prof Y.R. Li**: By Prof Jian Sun, Dr S. Solomon, Prof Yue-Bin Zhang	Main Hall
11.15-11.25	**Release of ISC-2026 Conference Souvenir** and a recent issue of **Sugar Tech** journal by Chief Guest	Main Hall
11.25-11.55	**Award Ceremony:** IAPSIT & SSRP Awards to Outstanding Researchers/ Sugar Industry by Chief Guest and dignitaries	Main Hall
11.55-12.00	**Vote of Thanks:** Dr. Prakash Lakshmanan	Main Hall
12.00-13.15	**LUNCH**	Nanning Hotel
13.15- 13.45	**POSTER DISPLAY: Conference Hall Lobby**	

Tuesday, November 17, 2026
(Venue : Main Hall, Ground Floor)

Technical Session I

Future-proofing Sugar Crop Production

Chairman: Dr. Robert Magarey, Australia **Co-Chairman:** Dr. Govind Raj, India **Coordinator:** Dr. Shivani Gupta, India			
PLENARY LECTURES			
13.45-14.05	PL-01	Introduction of Chinese Sugar Industry	Yang-Rui Li, SRS, GXAAS, Nanning, China
14.05-14.25	PL-02	Technologies for Improving Sugar Crop Yields in China (in Chinese with English translation)	Yue-Bin Zhang, YAAS, Kunming, Yunnan, China

14.25-14.40	Special Lecture	Research integrity, improving journal metrics and visibility	Eti Dinesh, Nature-Springer, India
14.40-15.05	PL-03	Drought Tolerance In Sugarcane: Emerging Concepts	Rafael Vasconcelos Ribeiro, University of Campinas, Brazil
15.05-15.20	Lead talk	Optimized Nitrogen Management for Yield Improvement and Green Production of Sugarcane in China	Yan Deng, Interdisciplinary College of Resources and Environment, Southwest University, Chongqing, China
15.20-15.40		**TEA BREAK**	
15.40-16.05	PL-04	Next-Generation Technologies for Improving Sugar Beet Productivity and Profitability	Piergiorgio Stevanato University of Padova, Italy
16.05-16.30	PL-05	High-throughput next-generation phenotyping, remote sensing, and AI technologies for sugarcane crop management	Xiuhua Li, Guangxi University, Nanning Guangxi, China
16.30-16.55	PL-06	Sugarcane Machine Harvesting in Small Holdings and its Challenges	Shaochun Ma, College of Engineering, China Agricultural University, Beijing, China
ORAL PRESENTATIONS			
16.55-17.10	TS-I-01	Eliminating "Monsoon Blindness": A Sovereign Quantum-SAR Framework for Future-Proofing Sugarcane Yield and Sugar Recovery Potential.	Sheriff Babu AgriCPS Chennai, Tamil Nadu, India
17.10-17.25	TS-I-02	Enrichment of Fermented Organic Manure (FOM) and Fermented Organic Manure (LFOM) for Increasing Soil Organic Carbon Content	Ravi Shrinivasan Vela Biotech Pvt. Ltd. Coimbatore, Tamil Nadu, India

17.25-17.40	TS-I-03	Divergent Responses of C4 Kranz Anatomy and Chloroplast Ultrastructure to Drought Stress in Sugarcane: The Role of Carbon Allocation	Gui Zhou, Sugarcane Research Institute, GXAAS, Nanning, China
17.40-17.55	TS-I-04	Next-generation Sustainable Production of Open Pan Sweetener Using Energy-Efficient Solar Induction Heating Technology	Mohammed Haris Siddiqui, Integral University, Lucknow, India
18:00		**WELCOME DINNER**	**Nanning Hotel**

Day II

Wednesday, November 18, 2026

Technical Session II

Future-proofing Sugar Crop Protection

(Venue : Main Hall, Nanning Hotel)

Chairman: Dr. Phillip Rott, France **Co-Chairman: Prof.** Zhang Mu-Qing, China **Coordinators:** Dr. Krishan K. Verma, China			
PLENARY LECTURES			
08.45-09.10	PL-01	Effective Disease Management in the Australian Sugarcane Industry: Key Elements for Success, and Where to From Here?	Robert Magarey, Sugarcane Disease Consultancy, Tully, Australia
09.10-09.35	PL-02	From Observation of Disease Symptoms to the Development of Molecular Assays: Over A Century of Diagnostic Improvements in A Context of Changing Sugarcane Pathology	Philippe Rott, CIRAD, Montpellier, France
09.35-10.00	PL-03	Deciphering the Genetic Architecture of Sugarcane Smut Resistance: From Comparative Genomics to Molecular Breeding	Mu-Qing Zhang, Guangxi University, Nanning, China
ORAL PRESENTATIONS			
10.00-10.15	TS-II-01	Sustainably Increased Sugarcane Productivity and Greatly Improved Environmental Impact by Enhancing the Soil Microbiome	M. Melville, Civil & Env. Engg., UNSW, Sydney, Australia

10.15-10.30	TS-II-02	Metagenomic Insights and Comparative Genomic Analysis of *Candidatus* Phytoplasma sacchari Strains Associated with Sugarcane Grassy Shoot and Sugarcane White Leaf Diseases in India and China	Shivani Gupta, Indian Agricultural Research Institute, New Delhi, India
10.30-10.45	**TEA BREAK**		
10.45-11.00	TS-II-03 (Special Lecture)	Changing Sugarcane Cultivation, Hydrology, and Harvesting Techniques to Greatly Improve Carbon Management	Robert Quirk, Civil & Env. Engg., UNSW, Sydney, Australia
11.00-11.15	TS-II-04	Colonization of Endophytic Entomopathogenic Fungi for Sustainable Sugarcane Pest Management: Mechanistic Insights, Formulation Advances, and Future IPM Horizons	V. Ambethgar Professor (Retired) - TNAU, Tamil Nadu, India
11.15-11.25	TS-II-05	A Single-Copy, Four-Gene Transgenic Stack in Sugarcane Confers Broad-Spectrum Insect and Herbicide Resistance	Tingting Sun, Sanya Research Institute, Hainan, China
11.25-11.35	TS-II-06	A Smut Effector Exploits Natural Cis-Regulatory Variation to Activate the *Scwrky*1 Susceptibility Module in Sugarcane	Dongjiao Wang Chinese Academy of Tropical Agricultural Sciences, Haikou, China
11.35-11.45	TS-II-07	Research Progress of Sugarcane White Leaf Disease and Brown Stripe Disease	Hongli Shan, Sugarcane Research Institute, Yunnan Academy of Agricultural Sciences, Kaiyuan, China
11.45-11.55	TS-II-08	Construction of Whole chain Closed loop Quality Control Technical System for Virus free Healthy Sugarcane Seed canes	Lin Xu, Sugarcane Research Institute, GXAAS, Nanning, China
12.00-13.30		**LUNCH**	Nanning Hotel

Day II

Wednesday, November 18, 2026

Technical Session III

Future-proofing Sugar Crop Variety Development

(Venue : Main Hall, Nanning Hotel)

Chairman: Dr. Perumal Govindaraj **Co-Chairman:** Dr. Nattapat Khumla **Coordinator:** Dr. Kapil Sushir			
PLENARY LECTURES			
13.30-13.55	PL-01	From Crosses to Code: Reimagining sugarcane breeding	Youxiong Que, Sanya Research Institute, Sanya, China
13.55-14.20	PL-02	Genomic Selection for Enhancing Cross-Prediction and Selection in Sugarcane Breeding	Seema Yadav, The University of Queensland, Brisbane, Australia
ORAL PRESENTATIONS			
14.20-14.35	TS-III-01	Establishment of an Efficient Prime Editing System for Precise Base Changes and Genomic Replacements in Sugarcane	Vitor Favaretto Pinoti Instituto de Biologia, UNICAMP, Campinas, Brazil
14.35-14.50	TS-III-02	Drone-Powered Phenotyping Accelerates Stress-Tolerant Sugar Beet Selection	Samathmika Ravi University of Padova, Italy
14.50-15.05	TS-III-03	Breeding for Bioenergy Canes Through Utilization of *Erianthus arundinaceus* in Sugarcane	Kapil Sushir V. Vasantdada Sugar Institute, Pune, India
15.05-15.20	TS-III-04	Research Progress of Sugarcane Breeding at Guangxi Academy of Agricultural Sciences	Hui Zhou, Sugarcane Research Institute, GXAAS, Nanning, China
15.20-15.35	**TEA BREAK**		
PLENARY LECTURES			
15.35-16.00	PL-03	Innovative Approaches for Breaking Sugar Plateau in Sugarcane- Challenges and Way Forward	Perumal Govindaraj, Sugarcane Breeding Institute, Coimbatore, India
16.00-16.25	PL-04	Breeding Beyond Yield: From Conventional Breeding to Climate-Resilient and Future-Ready Sugarcane in Thailand	Nattapat Khumla Nakhon Sawan Field Crops Research Center, Nakhon Sawan, Thailand

ORAL PRESENTATIONS			
16.25-16.40	TS-III-05	Sub-genome-biased Transcriptional Architecture for Sucrose Accumulation in Sugarcane	Ao-Mei Li, Sugarcane Research Institute, GXAAS, Nanning, China
16.40-16.55	TS-III-06	Modern Breeding Strategies for Bioenergy Optimization in Sugarcane (*Saccharum officinarum* L.)	R. Arulnangai, Bharathidadan University, Tiruchirapalli, Tamil Nadu, India
16.55-17.10	TS-III-07	*NpWRKY38*, a WRKY transcription factor from *Narenga porphyrocoma*, Negatively Regulates Drought Tolerance by Impairing ABA/SA Signaling and Photosynthesis	**Shuangcai Li and Xihui Liu, Sugarcane Research Institute, GXAAS, Nanning, China**
17.10-17.25	TS-III-08	Assembly and Comparative Genome Analysis of Four Mitochondrial Genomes from *Saccharum* Complex Species	Sicheng Li, Sugarcane Research Institute, GXAAS, Nanning, China
17.25-17.40	TS-III-09	Heavy-Ion Beam Irradiation Reprograms Hormone and MAPK Signalling in the Abscission Zone of an Easy-Defoliation Sugarcane Mutant	Ming Li, Sugarcane Research Institute, GXAAS, Nanning, China
18.00	**DINNER**		**Nanning Hotel**

Day III

Thursday, November 19, 2026

Technical Session IV

Future-Proofing Sugar Milling And Value-Addition

(Venue : Main Hall, Nanning Hotel)

Chairman: Dr. Wirat Vanichsriratana **Co-Chairman:** Mr. R. Chandrasekaran **Coordinator:** Mr. B. P. Patil			
PLENARY LECTURES			
08.45-09.05	PL-01	Sustainability in Thai Sugar Industries	Wirat Vanichsriratana, National Research Council of Thailand, Bangkok, Thailand

09.05-09.25	PL-02	Exploiting Lignocellulosic Feedstocks for Lignin and Chemicals	Arvind Chudasama, Sugar Industry Internatonal, Berlin, Germany
09.25-09.45	PL-03	Evolving Dynamics in the Indian Sugar Industry: Policy Priorities	S. Solomon, Indian Sugar & Bioenergy Manufacturing Association, New Delhi, India
ORAL PRESENTATIONS			
09.45-10.00	TS-IV-01	Fungal Fermentation of Sugarcane Bagasse Using *Poria Cocos*: A Strategy for Enhancing Bioactive Compounds and Fiber Properties	Fuyi Hui, Sugarcane Research Institute, Yunnan Academy of Agricultural Sciences, Kaiyuan, China
10.00-10.15	TS-IV-03	Impact of In-Situ Single Eye Bud Settling Technology for Cost-Effective, Sustainable Sugarcane Cultivation and Yield Enhancement	Ganpatrao A. Patil, Shree Datta Shetkari Sahakari Sakhar Karkhana Ltd., Dattanagar, Shirol, Kolhapur, India
10.15-10.45		**TEA BREAK**	
10.50-11.05	TS-IV-04	Empirical Estimation of Relative Evaporative Loss in weight of Harvested Sugarcane by Mechanical and Manual Harvesting	B. P. Patil Deccan Sugar Technologists' Association, Pune, Indi
11.05-11.20	TS-IV-05	Importance of Employee Engagement and Job Satisfaction for culture change in the Indian Sugar Industry	Girish Kohli , Triveni Engineering & Industries Ltd, Saharanpur, U.P., India
12.00-14.00	**LUNCH**		**Nanning Hotel**
14.30-18.00	**Visit to Sugarcane Research Institute, GXAAS, Nanning, China** **Coordinators :** Dr. Prakash Lakshmanan, Dr. Dongliang Huang, Dr. Krishan K. Verma, Nanning, China		
	DINNER- Nanning Hotel		

Poster Interactive Session

(Poster session will continue on 18th & 19th near the Main Hall of Nanning Hotel)

Chairman: Dr. G.P. Rao, India **Co-Chairman:** Prof. Dong-Liang Huang, Nanning, China **Coordinator:** Dr. Sao-Chun Ma, Beijing, China		
P-01	Effects of Mechanical Stubble Shaving on Stubble and Yield of Ratoon Sugarcane	Yawei Luo, Sugarcane Research Institute, GXAAS, Nanning, China
P-02	Artificial Intelligent for Accurate Identification of Major Sugarcane Fungal Diseases	Meixin Yan, Sugarcane Research Institute, GXAAS, Nanning, China
P-03	*NpSCI2A*, A Potato Inhibitor I Protein from a Wild Sugarcane Relative, Negatively Regulates Drought Tolerance by Targeting Subtilases	Xihui Liu, Sugarcane Research Institute, GXAAS, Nanning, China
P-04	Comparison of Sugarcane Responses to Humic Acids by Product from the Leonardite Mae Moh Mine's on Seed Cane Under Greenhouse Conditions	Sarawut Rungmekarat, Kasetsart University, Ladyao, Chatuchak, Bangkok, Thailand
P-05	Interplay Between Cropping Modes and Microbiomics-Metabolomic Cross-Talk Modulates Sugarcane Crop Yield and Biomass	Shaolin Yang (YSRI), College of Agriculture, Fujian Agriculture and Forestry University, Fuzhou, China
P--06	Weather Relationship of Regional Diversity in Sugarcane Recovery of Maharashtra State	B. P. Patil, Deccan Sugar Technologists' Association, DSTA, Pune, India
P-07	Regenerative Agriculture and Role of Sub Surface Drainage Technology In Maintaining Soil Health, Biodiversity and its Socio-Economic Impact	Ganpatrao A. Patil, Shree Datta Shetkari Sahakari Sakhar Karkhana Ltd., Maharashtra, India
P-08	Integrating Multi-Spectral Unmanned Aerial Vehicle (UAV) Sensing and Variable Rate Technology (VRT) for Sustainable Sugarcane Agriculture: A Paradigm Shift	V. Ambethgar, Professor (Retired) -TNAU, Tamil Nadu,
P-09	Impact of In-Situ Single Eye Bud Settling Technology for Cost-Effective, Sustainable Sugarcane Cultivation and Yield Enhancement	Ganpatrao A. Patil, Shree Datta Shetkari Sahakari Sakhar Karkhana Ltd., Dattanagar, Shirol, Kolhapur, India

P-10	Identification of Smut Resistance and Physiological and Transcriptomic Analysis of Resistant And Susceptible Germplasm in 158 Inbred Progenies of *Saccharum spontaneum*	Xin Hu, Yunnan Academy of Agricultural Sciences, Kunming, China
P-11	Transcriptomic and Metabolomic Profiling Reveals Endophyte-Induced Resistance Mechanisms Against Sugarcane Smut	Faisal Mehdi, Institute of Tropical Bioscience and Biotechnology, Haikou, China
P-12	Low Ammonium and High Nitrate Input Improves Nitrogen Use Efficiency and Growth in Sugarcane Through Coordinated Reprogramming of Nitrogen and Carbon Metabolism	Jian Zhan, Southwest University, Chongqing, PR China
P-13	Harnessing Silicon-Mediated Structural, Biochemical, and Ecological Defense Mechanisms Against Sugarcane Insect Pests: Implications for IPM	V. Ambethgar, Thiruvarur District, Tamil Nadu, India
P-14	Integrated Impact of PGRs, Nutrients and Pesticides (Oos Sanjeevani) Towards Crop Resilience to Diverse Growing Environments and Quantum Jump in Productivity of Sugarcane under Farmers Participatory Intervention Program in Gujarat and Maharashtra	B. P. Patil, Deccan Sugar Technologists' Association, Pune, India
P-15	Key Yield Components Underlying Ratooning Ability and Cane Yield Maintenance under Early-Season Drought Stress in a Diverse Set of Sugarcane Genotypes	Patcharin Songsri, Khon Kaen University, Khon Kaen, Thailand
P-16	Root Morphology, Xylem Anatomy, and Physiology of Interspecific Sugarcane Hybrids under Early Drought	Nakorn Jongrungklang, Faculty of Agriculture, Khon Kaen University, Khon Kaen, Thailand.
P-17	Quality Characterization and Processing Optimization of Traditional Brown Sugar from Sugarcane	Ting Yang, Yunnan Academy of Agricultural Sciences, Kunming, China
P-18	Nitrogen Supply Modulates Sugar Accumulation in Sugar Beet (Beta vulgaris L.) via Regulating Carbon Nitrogen Balance and Carbon Partitioning	Shude Shi, Inner Mongolia Agricultural University, Hohhot, China
P-19	Sustainable sugarcane production in China	Ting Luo, Sugarcane Research Institute, GXAAS, Nanning, China.

Day IV

Friday, November 20, 2026

LOCAL SUGAR INDUSTRY VISIT (OPTIONAL)

Interested delegates should contact Organizing Secretary for this tour at Registration Desk.

Buses will be available at the Hotel at 08.30 am sharp for the tour.

Lunch will be served at Nanning Hotel.

Note : The delegates who paid for the industry tour (US$ 150.00) will have hotel accommodation and food for 20th Nov. 2026. Airport drops are available from the hotel on November, 20th and 21st 2026.