



# ISSCT

## 13<sup>th</sup> Germplasm & Breeding / 10<sup>th</sup> Molecular Biology Workshop

8-12 July 2024  
Coimbatore, India

<http://sugarcane.icar.gov.in>

### Second Announcement

The ISSCT 13<sup>th</sup> Germplasm & Breeding / 10<sup>th</sup> Molecular Biology Workshop will be hosted by ICAR-Sugarcane Breeding Institute, Coimbatore and Society for Sugarcane Research and Development, Coimbatore, India from 8-12 July 2024.

#### Monday July 8 2024

Registration

Opening Ceremony

Keynote Address: Invited speakers

Workshop: Oral sessions & discussion

Welcome Dinner

#### Tuesday July 9 2024

Workshop: Oral sessions & discussion

Flash and dash poster presentation session

#### Wednesday July 10 2024

Field trip to ICAR-SBI facilities

#### Thursday July 11 2024

Visit to National Distant hybridization facility and commercial fields

#### Friday July 12 2024

Workshop: Oral sessions & discussion

Germplasm & Breeding / Molecular Biology Section  
Business Meeting



## Workshop themes and topics for discussion

### Breeding, Biotechnology and Germplasm utilization for developing climate smart and resource efficient sugarcane varieties

#### Sessions:

- Sugarcane genetic resources
- Pre-breeding for enhancing gene pool
- Strategies and accomplishments in developing climate smart sugarcane
- Classical and modern selection strategies for accelerated and precision breeding
- Biotechnological Interventions to develop climate resilient sugarcane varieties
- Genetic modification for novel trait integration
- Improving resource use efficiency in sugarcane

#### Key Dates:

**8/Jan/2024:** Abstract submission and registration open

**15/April/2024:** Deadline for abstract submissions (oral presentations and posters)

#### Language

The workshop will be conducted in English.

#### Workshop format

The scientific programme will comprise seven workshop sessions, each of which will comprise of selected oral and poster presentations. During the course of the workshop, there will be a one-day field trip and delegates will have the opportunity to see the major sugarcane varieties cultivated in the region. Abstracts for all scientific contributions, oral presentations and posters, will be distributed to participants during the workshop and published on the ISSCT website.

Presentations at workshops will not be published. Authors are encouraged to submit papers and posters for consideration for the August 2025 ISSCT Congress – submit to [issct.editor@bigpond.com](mailto:issct.editor@bigpond.com) / [peter.allsopp0351@gmail.com](mailto:peter.allsopp0351@gmail.com)

#### Abstract guidelines

The authors for oral presentation and posters must submit a short abstract with not more than 300 words. The title and the author names should be in capital letters centered,

followed by the institution information/affiliation and contact e-mail; a list of keywords, and the abstract text. The text format should be in Times new roman font with a 12 pt. size, single line and justified. Because no proceedings are published, only the abstracts would be available as a workshop book, and at the member's corner website. If the author agrees, some of the "PowerPoint Shows" would be available at the ISSCT website. The abstract should be submitted before the deadline to the section chair described below (Please see contact information).

### Important dates

<b>1 Jan 2024</b>	<b>Abstract submission and registration open</b>
<b>15 April 2024</b>	Deadline for abstract submission (oral presentations and posters)
<b>1 May 2024</b>	Notification of acceptance of oral presentations and posters
<b>7 June 2024</b>	Deadline for workshop registration
<b>8 July 2024</b>	Evening welcome reception
<b>8-12 July 2024</b>	Workshop

### Visas

All foreign nationals entering India are required to possess a valid international travel document in the form of a national passport with a valid visa obtained from an Indian Mission or Post abroad. It is important that participants check the link for information of entry visas and requirements <https://indianvisaonline.gov.in/visa/index.html>.

### Registration cost

Workshop registration is US\$ 300 per participant. For Indian delegates, registration fee is Rs 12000/- and Rs. 10000/- for members of SSRD. All workshop participants must be ISSCT members for 2023-2025.

ISSCT membership dues are US\$150 and may be settled through the online payment system at [https://members.issct.org/appform/issct\\_colombia\\_2025.aspx](https://members.issct.org/appform/issct_colombia_2025.aspx) or visit the ISSCT website at <https://issct.org/membership/>

Registration fee covers the local transport, welcome dinner, lunch, refreshments and workshop kit and does not include accommodation.

### Touristic activities

Coimbatore is one of the metropolitan cities of India with a population of more than 2.0 million and is well connected by air, rail and road. The international airport in Coimbatore

is 10 minutes' drive (8.9 km) from the workshop venue (Hotel The Residency Towers). It takes about 30 minutes to reach railway station and bus terminal. The famous hill stations and wild life sanctuaries like Ooty (90 km), Valparai (110 km), Kodaikanal (180 km), Mudumalai Tiger Reserve (130 km) and Anamalai Tiger Reserve (100 km) are ideal picnic spots. Important tourist destinations like Madurai, Thanjavur, Tiruchirappalli, Rameshwaram and Guruvayur are situated within 400 km radius from Coimbatore. The tourists will experience the brilliance of architectural marvels of Dravidian times. A plethora of ancient monuments and temples has its own story of artistic and cultural achievement that attracts history lovers from all over. Adjacent state of Kerala also has many destinations for the tourists. For more information please visit: <https://www.tamilnadutourism.tn.gov.in/>, <https://www.keralatourism.org/>

## **Venue**

The workshop will be held at The Residency Towers, Coimbatore. The participants of the workshop may go through the facilities available at the Hotel through the website at <https://www.theresidency.com/towers-coimbatore/index.html>; **Phone:** +91 422 224 1414 | +91 97 8777 7770

The rates for Executive Deluxe Rooms with complimentary breakfast would be Rs.6000+Tax

Inclusions for Executive Deluxe Room:

- 24 Hours Check-in & Check-out
- Complimentary Buffet Breakfast at Pavilion.
- Access to Health Club and Swimming Pool.
- Complimentary Wi-Fi.

## **Contact information**

### **Germplasm & Breeding Section Chair**

Dr. George Piperidis :

Email: [GPiperidis@sugarresearch.com.au](mailto:GPiperidis@sugarresearch.com.au)

### **Molecular Biology Section Chair**

Dr. Mike Butterfield

Email: [michael.butterfield@ctc.com.br](mailto:michael.butterfield@ctc.com.br)

### **Organizer**

#### **Chairperson and Convener**

Dr.G.Hemaprabha

Director, ICAR-Sugarcane Breeding Institute, Coimbatore, India

Email: [director@sugarcane.res.in](mailto:director@sugarcane.res.in)

More information at : <https://sugarcane.icar.gov.in/index.php/issctworkshop2024>

### Host Institution

ICAR-Sugarcane Breeding institute (ICAR-SBI), Coimbatore, India is one of the oldest and premier sugarcane research institutes worldwide, formally established in 1912 AD to breed superior sugarcane varieties/genotypes for tropical and subtropical India, in addition to conducting basic, applied and strategic research in different areas aimed at profitable and sustainable sugarcane agriculture. The institute has developed varieties cultivated in more than 80% of sugarcane area in the country and also Co canes are grown in 28 other countries in the world. ICAR-SBI is known for its wonder canes that brought in sugar revolution through varietal development and yielded significant quantity of surplus sugar for export market and for bioethanol production.

To make crop adaptation feasible in the era of changing climate, it is indispensable to breed the crop plants with diverse genetic backgrounds and to utilize crop wild relatives (CWR) for developing varieties tolerant to various biotic and abiotic stresses. ICAR- SBI holds the world's largest sugarcane germplasm and continued its efforts to enrich its collection through expeditions in pre breeding for climate change.

This ISSCT workshop will serve as a platform for presenting and debating key issues and strategies relevant for increasing the yield and stability of sugarcane under changing climate by effective utilization of germplasm to bred stress specific and resource efficient varieties through conventional and molecular approaches.



# REGISTRATION FORM

## ISSCT 13<sup>th</sup> Germplasm & Breeding / 10<sup>th</sup> Molecular Biology Workshop

**8-12 July 2024, Coimbatore, India**

Title: Prof./Dr./Mr./Mrs./Ms.		
Name:		
Designation:		
Organization:		
Address:	<b>Contact details</b>	
	Phone	:
	Mobile	:
	Fax	:
	E-mail	:
<b>Passport details (foreign delegates)</b>		
Nationality:	Passport No.	
Date of issue :	Valid through :	

Presenting a paper: -----

If yes, title of the paper: \_\_\_\_\_

Theme: \_\_\_\_\_

**Mode of payment of registration fee:** Delegates may credit the registration fee in the Account Name: ISSCT2024, Current **A/c No.42593255621** at the State Bank of India, Veerakeralam Branch (Branch code: 10618, IFSC- SBIN0010618, SWIFT Code: SBININBB451). Demand drafts are also accepted. The demand drafts should be drawn in favour of "ISSCT2024", payable at Veerakeralam branch, State Bank of India, Coimbatore and sent to the Convener at the address mentioned below:

<b>Dr. G.Hemaprabha</b>	Email: issctbr2024@gmail.com	
Director		
ICAR-Sugarcane Breeding Institute	director.sbi@icar.gov.in	
Coimbatore - 641 007, Tamil Nadu	Phone	: +91-422-2472621 Ext: 210
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