



## ISSCT XII Pathology Workshop

**3-7 September 2018**  
Coimbatore, India

<http://sugarcane.icar.gov.in/index.php/en/issctworkshop>

### Second Announcement

The ISSCT XII Pathology Workshop will be hosted by the ICAR-Sugarcane Breeding Institute, Coimbatore and the Society for Sugarcane Research and Development, Coimbatore, India from 3 to 7 September 2018.

#### **Sunday September 02**

Pre-Registration

#### **Monday September 03**

Registration

Opening Ceremony

Workshop: Oral sessions & discussion

Welcome Dinner

#### **Tuesday September 04**

Workshop: oral sessions & discussion

Flash and dash poster presentation session

#### **Wednesday September 05**

Field trip to SBI facilities

#### **Thursday September 06**

Visit to sugar Factory and commercial fields

#### **Friday September 18**

Workshop: oral sessions & discussion

Pathology Section Business Meeting



***“Challenges and Advances in Sugarcane Pathology”***  
***Keys to resolve emerging issues and to formulate innovative disease management strategies***

The Workshop will be an exciting opportunity to discuss topics related to research and development in sugar cane diseases, pathogenic variation, emerging diseases, host plant resistance, pathogen genome and proteome, omics approaches to understand host resistance, novel strategies to manage diseases and climate change issues. Participants are encouraged to prepare abstracts for oral or poster presentations related to the theme of the Workshop. If there is sufficient interest expressed, a programme will be prepared for accompanying persons. However, a minimum of 15-20 persons required to organize a visit.

## Workshop themes and topics for discussion

*Challenges and Advances in Sugarcane Pathology - Keys to resolve emerging issues and to formulate innovative disease management strategies*

### SESSION THEMES

- Disease management through host resistance
- Variation in pathogens, genome/transcriptome profiles of pathogens and pathogenicity mechanism
- Disease diagnosis and report of new diseases
- Molecular basis of disease resistance, RNA silencing, genomic and proteomic approaches
- Molecular markers for disease resistance
- Epidemiology and disease spread
- Special session: Current disease threats around the world and climate change issues
- Biocontrol
- Country reports

### Language

The Workshop will be conducted in English.

### Workshop Format

The scientific programme will comprise six workshop sessions, each of which will have selected oral presentations; however, posters are also welcome. During the course of the workshop, there will be field visits to the ICAR-Sugarcane Breeding Institute and a sugar factory. During the field visits, the delegates will have an opportunity to observe major/prevaling diseases such as red rot, smut, yellow leaf, mosaic, grassy shoot, etc. The Workshop is informal and therefore no proceedings will be published. Abstracts of oral presentations and posters will be distributed to participants at the Workshop and uploaded on the ISSCT website. **Abstracts of all contributions (oral and poster) must be received by 31 May 2018.**

### 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 in the Members' Corner on the website. If the author agrees, some of the "PowerPoint Shows" would be available at the ISSCT website. The abstract for the Pathology Section should be submitted before the deadline to the Section Chair described below (Please see contact information).

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### Important deadlines to consider

- 31 May 2018** : Deadline for submission of abstract(s) (oral or poster).  
**30 June 2018** : Advice on acceptance of oral/ posters presentations.  
**31 July 2018** : Closing date for Workshop registration.  
**3-7 September 2018** : Workshop scientific programme.

### Visa & travel

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>.

For visa on arrival - <https://indianvisaonline.gov.in/evisa/tvoa.html>

### Workshop registration fee:

The Workshop registration fee is 300 USD per participant. This will cover lunches and tea breaks during the workshop, a welcome dinner, field visits and transport from airport to hotel.

Note: All participants must be ISSCT current members for the period 2016-2019. ISSCT membership dues are 140 USD. Before the Workshop, payment has to be done directly to the ISSCT Secretary. For membership application form and for additional information, please visit the ISSCT member link <http://www.issct.org/member.html>

**Mode of payment of registration fee:** Delegates may credit the registration fee through online in the Pathology Workshop A/c No. 37093937279 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 "ISSCT Pathology Workshop", payable at Veerakeralam branch of State Bank of India, Coimbatore and should be sent to the Convener.

### Contact information

**Chair ISSCT Pathology Section** : **Dr. Freddy Garcés**,  
Variety Program Director, CENICAÑA, Colombia.  
e-mail: [ffgarces@cenicana.org](mailto:ffgarces@cenicana.org)  
Mobile No +572 3105976703

### **Organizers**

**Chairman** : **Dr. Bakshi Ram**,  
Director,  
ICAR-Sugarcane Breeding Institute, Coimbatore, India  
e-mail: [director@sugarcane.res.in](mailto:director@sugarcane.res.in)

**Convener** : **Dr. R. Viswanathan**,  
Head, Division of Crop Protection, ICAR-Sugarcane Breeding  
Institute, Coimbatore 641007, India  
e-mail: [seminars@sugarcane.res.in](mailto:seminars@sugarcane.res.in);  
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**More information at** : <http://sugarcane.icar.gov.in/index.php/en/issctworkshop>

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## Venue

The Workshops will be held at:

### **HOTEL RADISSON BLU, COIMBATORE**

164/165, Avinashi Road, Peelamedu, Coimbatore 641004, Tamil Nadu, India

[www.radissonblu.com/en/coimbatore](http://www.radissonblu.com/en/coimbatore):

**Hotel contact: [sudeep.r@radisson.com](mailto:sudeep.r@radisson.com); The delegates are requested to directly book the room in the hotel.** Rates for standard room would be Rs.5000+Tax for single room and Rs.5500+Tax for double room. Many hotels are situated near to the venue. The delegates may find the hotels in the workshop website.

## Tourism

The Organizers will do their best to ensure an inspiring Workshop with a full scientific programme as well as a comfortable stay. Coimbatore is located in the state of Tamil Nadu in the southern region of India. The famous hill stations and wild life sanctuaries like Ooty (90 km), Valparai (110 km), Kodaikanal (180 km), Mudumalai (130 km) and Anamalai (100 km) are ideal picnic spots. Important tourist destinations like Madurai, Thanjavur, Tiruchirappalli, Rameshwaram and Guruvayur are situated within 380 km radius from Coimbatore. The tourists will experience the brilliance of architectural marvels of Dravidian times. Numerous ancient monuments and temples have 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: <http://www.tamilnadutourism.org/> ; <https://www.keralatourism.org/>

## Host Institute

ICAR-Sugarcane Breeding Institute, Coimbatore was established in 1912 and the first interspecific sugarcane hybrid 'Co 205' was released for commercial cultivation in 1918. The interspecific commercial hybrids released by the Institute revolutionized the cane farming and cane industry in India. The Institute has contributed for basic and applied research in sugarcane pathology. Sugarcane pathologists have developed disease screening procedures for many diseases in sugarcane and substantially contributed in varietal development for the past 80 years. Aerated steam therapy, effective fungicide treatment in setts through vacuum pressure, effective viral disease management strategy by meristem tissue culture, combined with molecular diagnosis and many other technologies have been developed and commercialized, resulting in successful disease management. Many innovative disease management strategies namely ISR/SAR were developed. Sugarcane stalk proteome was developed for the first time; genome and transcriptome of red rot pathogen were sequenced, which has thrown light on key aspects of Sugarcane-*Colletotrichum falcatum* interaction.



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