



## ISSCT XII Pathology Workshop

3-7 September 2018  
Coimbatore, India

### First Announcement



#### Theme

*“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 the pathogen, pathogenicity mechanism and RNA silencing
- Disease diagnosis and new diseases
- Molecular basis of disease resistance, 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
- Country reports

#### KEY DATES

**1<sup>st</sup> December 2017:**

Abstract submission and registration opens

**31<sup>st</sup> May 2018:**

Deadline for submission of abstract(s) (oral or poster)

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

# ISSCT XII Pathology Workshop

3-7 September 2018

Coimbatore, India

## First Announcement

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

The Workshop will be an exciting opportunity to discuss topics related to sugarcane 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, and the details will be provided in the second announcement.

### 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.

### 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 will also be welcomed. 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 the opportunity to observe major 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.

### Important deadlines to consider

- 1 December 2017** : Abstract submission and registration opens.
- 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.

### 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>.

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

### **Cost**

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>

### **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 it's 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/>

### **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

### **Contact information**

#### **Organizing committee**

Chairman : **Dr. Bakshi Ram**, Director,  
ICAR-Sugarcane Breeding Institute, Coimbatore, India  
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Convener : **Dr. R. Viswanathan**, Head, Division of Crop Protection,  
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**Chair ISSCT Pathology Section** : **Dr Freddy Garcés**,  
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**More information at** : <http://sugarcane.icar.gov.in/index.php/en/issctworkshop>