

# 7<sup>th</sup> International Cereal Nematodes Symposium

November 3<sup>rd</sup> to 6<sup>th</sup>, 2019

## Venue

**National Agricultural Science Complex**  
Dev Prakash Shastri Marg, Pusa Campus, New Delhi,  
India



Research  
Program on  
WHEAT



**Venue:** National Agricultural Science Complex, Dev Prakash Shastri Marg, Pusa Campus, New Delhi, India

**Organizers:**

**Dr. Uma Rao**, Division of Nematology, ICAR-Indian Agricultural Research Institute, New Delhi, India; (email: [umarao@iari.res.in](mailto:umarao@iari.res.in))

**Dr. Amer A. Dababat**, CIMMYT, Ankara, Turkey; (email: [a.dababat@cgiar.org](mailto:a.dababat@cgiar.org))

**Scientific Committee:**

**Dr. Trilochan Mahapatra**, Secretary, Department of Agricultural Research and Education, and Director General, Indian Council of Agricultural Research, India.

**Dr. A. K. Singh**, Director, ICAR-Indian Agricultural Research Institute, New Delhi, India

**Dr. A. K. Singh**, Joint Director (Research), ICAR-Indian Agricultural Research Institute, New Delhi, India

**ADG (Plant Protection)**, Indian Council of Agricultural Research, New Delhi, India

**Dr. Uma Rao**, Head, Division of Nematology, ICAR-Indian Agricultural Research Institute, New Delhi, India

**Dr. Amer A. Dababat**, CIMMYT, Ankara, Turkey

**Dr. Arun Kumar Joshi**, CIMMYT, Delhi, India

**International Scientific Committee**

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**Dr Zahra Tanha Maafi** – Iran, Email: [tanhamaafi@yahoo.com](mailto:tanhamaafi@yahoo.com)

### **Local Organizing Committee:**

**Dr. Uma Rao**, Head, Division of Nematology, Division of Nematology, ICAR-IARI, India

**Dr. Arun Kumar Joshi**, CIMMYT, Delhi, India

**Dr. Anil Sirohi**, Principal Scientist, Division of Nematology, ICAR-IARI, India

**Dr. Pankaj**, Principal Scientist, Div. of Nematology, ICAR-IARI, India

**Dr. Gautam Chawla**, Principal Scientist, Div. of Nematology, ICAR-IARI, India

**Dr. M. R. Khan**, Principal Scientist, Div. of Nematology, ICAR-IARI, India

**Dr. M. Jayanthi**, Principal Scientist, Division of Nematology, ICAR-IARI, India

**Dr. Vishal Singh Somvanshi**, Senior Scientist, Div. of Nematology, ICAR-IARI, India

**Dr. T. K. Dutta**, Scientist, Div. of Nematology, ICAR-IARI, India

### **Invited Speakers:**

**Prof. Dr. Richard Sikora**, em. University of Bonn, Germany, Consultant, International Agriculture, Plant Health Management

**Prof. John Jones**, Science Group Leader, the James Hutton Institute, Invergowrie Dundee, Scotland UK

**Dr. A. K. Singh**, Joint Director (Research), ICAR- IARI, New Delhi 110012

**Dr. G. K. Singh**, Director, Indian Institute of Wheat and Barley Research, Karnal, Haryana, India

**Dr. Uma Rao/ Dr. K .K. Kaushal / Dr. Gautam Chawla**, ICAR-Indian Agricultural Research Institute, New Delhi 110012

### **Location of Workshop:**

NAAS Lecture Room, National Agricultural Science Complex, Dev Prakash Shastri Marg, Pusa Campus, New Delhi 110012

### **ICNS and its Objectives:**

The International Cereal Nematodes Symposium (ICNS) is an extension to the International Cereal Nematode Initiative (ICNI) that was established in 2006. It aims to create a critical mass of scientific capacity and skills to deliver sustainable solutions by working at both the practical and theoretical level. It was initially founded as the International Cereal Cyst Nematode Initiative (ICCNI) and later expanded to include all-important genera of cereal nematodes (CN).

Cereal nematodes including both the Cereal Cyst Nematodes (*Heterodera* spp.; CCN) and the Root Lesion Nematodes (*Pratylenchus* spp.; RLN) are acknowledged as a global economic problem on wheat production systems in developing as well as in developed countries. Within the framework of the ICWIP (ICARDA CIMMYT Wheat Improvement Program) which relates to wheat improvement research in Central Asia, West Asia and North Africa, CIMMYT and the Turkish Ministry of Food Agriculture and

Livestock in collaboration with ICARDA and our National Program partners from developing countries and several research institutions in Australia and Europe have undertaken research over the last 12 years to:

**1. Understand the importance and distribution of CCN and RLN**, which are widespread in wheat production systems throughout West Asia, North Africa, parts of Central Asia, Northern India and China.

**2. Investigate potential control options with a major emphasis on host resistance** through validation and integration of resistant sources (traditional and molecular) into wheat germplasm for global wheat production systems (particularly focused on rainfed or supplementary irrigation systems). Rotation has been partially explored.

**3. Provide training for scientists from developing countries:** The 1st ICCNI was held in Antalya, Turkey and proceedings can be downloaded from the following website: <http://www.sipm.cgiar.org/reports>. The 2<sup>nd</sup> workshop was held in Vienna, Austria and the 3<sup>rd</sup> workshop was held in Adana, Turkey. The 4<sup>th</sup> workshop was held in Beijing, China. The 5<sup>th</sup> workshop was held in Ankara Turkey and the proceeding can be downloaded from the following website: <http://www.fao.org/3/a-i4934e.pdf>. Those workshops were very successful in identifying the global status of the problem of cereal nematodes and forming networks and partnerships to continue working on these problems.

After the immensely successful past meetings, the 7<sup>th</sup> meeting in the series will be held as an International Symposium on Cereal Nematodes at New Delhi.

### **Symposium Topics:**

1. Distribution of CN: Global status
2. The economic importance and population dynamics of CN
3. Management strategies for CN using host resistance
4. Management strategies for CN other than host resistance
5. Use of molecular tools for research with CN (such as pathogen diagnostics, phylogeny studies and host resistance)
6. CN genomes and parasitism genes

### **Program Schedule:**

- 3<sup>rd</sup> Nov: Registration, inauguration and scientific/poster Sessions
- 4<sup>th</sup> Nov: Scientific/poster sessions
- 5<sup>th</sup> Nov: Scientific/poster sessions and the Conference dinner
- 6<sup>th</sup> Nov: Excursion to Agra to the Taj Mahal

**Note:** We are happy to announce that there will be a poster session during the scientific sessions. Detailed program would be posted on the website soon.

### **Registration:**

Registration fees covers workshop attendance, all provided documents and materials, tea/coffee and lunch during the sessions, conference dinner and the excursion.

**Registration fees:**

The last date of abstract submission and registration is **25th June 2019**. International participants can also register after last date or on-site. No late registration is allowed for Indian participants.

For International participants by 25th June 2019	US\$ 300
For International participants after 25th June 2019 or on-site	US\$ 350
For Indian faculty participants by 25th June 2019	INR 12000
For Indian student participants by 25th June 2019	INR 8000

**How to pay your registration?** Wire transfer is the **only** accepted option.

For **international payment transactions**, please use the bank details stated below.

**Bank:** JPMorgan Chase Bank

**Beneficiary:** CIMMYT

**A/C:** 949-2-603213

**ABA:** 021000021

**SWIFT:** CHASUS33

**Address:** 277 Park Ave/23rd Floor, New York, New York 10172-0003

**Attn:** Nisha X. Corniel

**Please indicate the following reference in your bank transfer:**

**The 7th ICNS 2019 – India, Delhi**

For Indian **payment transactions**, please use the bank details stated below.

**Account holder:** BISA

**Account no.:** 0011104000558051

**IFSC code:** IBKL0000011

**AD CODE:** 69100082900009

**SWIFT:** IBKLINBB010

**BSR CODE:** 6910211

**BRANCH ADDRESS:** IDBI Bank, 19 KG Marg, Surya Kiran Building, New Delhi-110001

**Please indicate the following reference in your bank transfer:**

**The 7th ICNS 2019 – India, Delhi**

Participants are reminded that money transfer may include fees and charges; it is therefore essential that such transfer of money should include any additional fees. **Your registrations will only be confirmed and valid after your payment has been received.** Applications may be cancelled up until August 1, 2019, in which case a full refund will be made. If requests of cancellation are received after this date, no refund will be possible.

**Abstract Submission:**

Official published proceeding will be made from the accepted papers presented in the workshop. If you would like to contribute to the symposium, kindly submit your abstract of less than 250 words, to be emailed to Dr. Uma Rao ([umarao@iari.res.in](mailto:umarao@iari.res.in)) before 25<sup>th</sup> June 2019. Abstracts submitted after 25<sup>th</sup> June will not be entertained.

**Accommodation:** For the international participants, we have arranged 30 rooms at preferential rates at Hotel Jaypee Sidhartha (<https://www.jaypeehotels.com/siddharth-new-delhi>; Contact Ms. Shweta Verma +91 9871790285; Email- [shwetav@jaypeehotels.com](mailto:shwetav@jaypeehotels.com)), which is a 5-star hotel conveniently closely located to the conference venue. The participants can directly contact the Ms. Shweta Verma +91 9871790285; Email- [shwetav@jaypeehotels.com](mailto:shwetav@jaypeehotels.com) for reservation, and mention 7<sup>th</sup> Cereal Nematodes Meeting in the subject to get the concessional rates. The Indian participants can book their rooms directly at IGH located at NAS Complex.

**Delhi weather in November:**

The best time to visit Delhi is from **October to March** when the weather is at its best. During November the weather is pleasant and the average maximum and minimum temperatures are 28° C and 15°C, respectively.