

National Symposium
Nematodes: The Unseen Foes and Friends of Plant and Soil Health
January 31 to February 2, 2024
Agricultural and Ecological Research Unit, Indian Statistical Institute, Kolkata, India

NATIONAL SYMPOSIUM

Nematodes : The Unseen Foes and Friends of Plant and Soil Health (January 31 to February 2, 2024)

at

Indian Statistical Institute, Kolkata, West Bengal

Programme

Day 1: 31-01-2024

09.00 – 10.15 AM	REGISTRATION
10.15 – 11.30 AM	INAUGURAL SESSION at ISI AUDITORIUM
10.15 – 10.20 AM	Welcome address by the Secretary, NSI: Prof. M. R. Khan
10.20 – 10.30 AM	Address by the President, NSI: Dr. Anil Sirohi
10.30 – 10.45 AM	Address by the Special Guest: Prof. Sanghamitra Bandyopadhyay, Director, ISI, Kolkata
10.45 – 10.55 AM	Address by the Guest of Honour: Prof. H.S. Gaur
10.55 – 11.25 AM	Address by the Chief Guest: Prof. Swapan Datta, Ex DDG(ICAR), Ex VC, Bisva-Bharati, and Founder VC Biswabangla Biswabidyalay
11.25 – 11.30 AM	Vote of thanks by Local Org. Secretary: Dr. Abhishek Mukherjee
11.30 – 11.55 AM	HIGH TEA
11.55 – 12.15 NOON	SESSION I LECTURE BY RECIPIENT OF D'SOUZA MEMORIAL AWARD (at ISI AUDITORIUM)
	Chairman : Lingaraju, S.
	Co-Chairman : A. Shanthi
	Hemchandra R. Patel Nematode Problems in Bidi Tobacco Fields and their Management

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12.15 – 1.30 PM	SESSION II	PLENARY LECTURES (at ISI AUDITORIUM)
	Chairman	: H.S.Gaur
	Co-Chairman	: A.K. Chaubey
12.15 – 12.45 PM	S.B. Sharma	Nematology in 2050 – My Vision
12.45 – 1.05 PM	H.S. Gaur	Nematology Down the Memory Lane - The Generational Transformation
1.05 – 1.30 PM	R.K. Walia	Potato Cyst Nematodes – The Policy Paralysis
1.30 – 2.30 PM	LUNCH	

POSTER PRESENTATION SESSION (1.30 – 5.00 PM)
PP No. 1 to 38

Venue: C.D. Desmukh Bhavan of ISI, Kolkata

2.30 – 3.30 PM	SESSION III	Advances in Nematode identification (at ISI AUDITORIUM)
	Chairman	: H.K. Bajaj
	Co-Chairman	: M.R.Khan
	Rapporteur	: Rashid Pervez
2.30 – 2.50 PM	H.K. Bajaj	Integrative Approach of Nematode Identification- A Case Study
2.50 – 3.10 PM	A. Mukherjee	Artificial Intelligence in Nematology – Making Inroads
3.10 – 3.30 PM	Rajan Salalia	Nematode Diversity in Jammu and Kashmir’s Agricultural Landscape: Challenges and Solutions
3.30 – 4.30 PM	SESSION IV	Advances in Molecular nematology (at ISI AUDITORIUM)
	Chairman	: Anil Sirohi
	Co-Chairman	: N Somasekhar
	Rapporteur	: Chaitra G. Bhat
3.30 – 3.50 PM	Anil Sirohi & TK Dutta	Genome editing technology for the management of plant-parasitic nematodes
3.50 – 4.10 PM	V. S. Somvanshi	The Genetic Insights from Model Plant-Parasitic Nematodes on Biology and Parasitism

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4.10 – 4.20 PM	Snehalatha P.	Development and Evaluation of The Loop-Mediated Isothermal Amplification Technique for the Rapid Detection of The Foliar Nematode, <i>Aphelenchoides besseyi</i>
4.20 – 4.30 PM	Anupam Sekhon	Identification of QTLs in <i>Oryza rufipogon</i> accessions for resistance to <i>Meloidogyne graminicola</i> with genome-wide association studies
4.30 – 4.45 PM	TEA	
4.45 – 5.45 PM	SESSION V	Nematode as indicators for soil and plant health (at ISI AUDITORIUM)
	Chairman: :	Qudsia Tahseen
	Co-Chairman :	Anju Kamra
	Rapporteur: :	Hemraj Gurjar
4.45 – 5.05 PM	Qudsia Tahseen	Good Nematodes vs Bad Nematodes – Can We Tilt the Balance?
5.05 – 5.25 PM	N. Somasekhar	Nematode Biotic Indices: Advancements and applications in Assessing Soil Health
5.25 – 5.45 PM	Anju Kamra	Nematode Management in Polyhouse Cultivation

Day 2 :01-02-2024

9.30 – 10.30 AM	Dr. (Mrs.) Sudershan Ganguly Memorial Young Scientist Research Presentation Award (at ISI AUDITORIUM)	
10.30 – 11.50 AM	SESSION VI	Practical and Sustainable Nematode Management (at ISI AUDITORIUM)
	Chairman :	Gautam Chawla
	Co-Chairman :	Debanand Das
	Rapporteur :	Rajan Salalia
10.30 – 10.50 AM	Lingaraju, S.	Managing Disease Complexes – A Necessity in (Horticultural) Crops
10.50 – 11.10 AM	Pankaj	RRKN – Progress in Resistance Breeding in Rice

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	Rapporteur	:	Nisha, M.S.
3.30–3.45 PM	Dr. Edwin Rogbell, Corteva Agriscience		“Salibro™ - A Novel Sulfonamide Nematicide and Soil Health”
3.45–4.00 PM	Lokesh Kadu, Bayer CropScience Ltd.		“Velum Prime – A revolutionary novel nematicide”
4.00–4.15 PM	Kiran Morya & N. Palanisamy, Syngenta India Ltd.		“TYMIRIUM® technology: A new innovation for sustainable nematode control in crop plants”
4.15–4.35 PM	Sharad Mohan		EPN for insect pest management in India <i>vis-a-vis</i> global standing: The Missing Links
4:35 PM	Tea Break at C.D. Desmukh Bhavan of ISI, Kolkata		
5.30 – 7.00 PM	General Body Meeting (NSI)		
7.00 – 8.00 PM	Cultural Programme		

Day 3: 02-02-2023

10.30 – 11.30 AM	SESSION IX PLENARY SESSION (at ISI AUDITORIUM)		
	Chairman	:	H.S. Gaur
	Co-chairman	:	R.K.Walia
	Rapporteur	:	V.S. Somavanshi
	Award Distribution		
	TEA		
12.00 – 1:00 PM	Visit to ISI Geology Museum		
2.00 – 2.30 PM	LUNCH		