

“Crossing borders : a world of nematode diversity and impact to discover”

15 TOPICS



Poster session



200 talks
100 flash presentations



600 attendees

SPONSORS



12 PLENARY SESSIONS (Tentative titles)

1. Implications of nematodes to global food security
2. High-throughput sequencing on biodiversity studies of nematode communities in diverse habitats
3. Fossil nematodes and evolution
4. Nematode Microbiomes
5. Nematodes chemosensation: implications on their management
6. *C. elegans* as biological model
7. CRISPR/Cas9 system technology in nematode studies
8. Plant root knot nematode interactions
9. Trade and market access implications of plant parasitic nematodes
10. IFNS Global Capacity building programs in nematology
11. Challenges of nematology in the big data era
12. Closure conference Global change and nematology challenges

32 CONCURRENT SESSIONS (Tentative titles)

Monday morning

- Plant resistance and nematode virulence
- Taxonomy & evolution of nematodes
- Ecology of free living nematodes
- Nematodes in animal and human health

Monday afternoon

- Nematode-plant interactions
- Phylogenetics/Phylogenomics of the Phylum Nematoda
- Biodiversity of aquatic nematodes
- Social impact of nematode management

Tuesday morning

- “omics” in nematology
- Nematology in precision agriculture
- Relationships nematode-vectors
- Nematology in precision agriculture

Tuesday afternoon

- “omics” in nematology (continuation)
- Global change and nematode issues
- Advances in nematode detection
- Biological control of nematodes/Biopesticides

Thursday morning

- Integrated nematode management
- Metabolism & Physiology of nematodes
- Trends in entomopathogenic nematodes
- Nematode community assemblies

Thursday afternoon

- Soil suppressiveness and nematode control using subsidiary crops
- Metabolism & Physiology of nematodes (Continuation)
- Trends in entomopathogenic nematodes (Continuation)
- Legislation and Regulatory aspects of nematodes

Friday afternoon

- Interactions of nematodes with micro-organisms
- Trade and market access implications of plant parasitic nematodes
- Nematode management in tropical conditions
- To be determined

Friday afternoon

- Effectors in plant parasitic nematodes
- Nematodes as bioindicators
- Future of Nematology, Education and Training
- Natural Products as nematicides