

“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. Sustainable intensification: The implications of nematodes to global food security
2. The use of high-throughput sequencing (HTS) on biodiversity studies of nematode communities in diverse habitats
3. Fossil nematodes and evolution
4. Nematode microbiomes
5. Nematodes chemosensation: implications for management
6. *C. elegans* as a biological model in agriculture systems
7. CRISPR/Cas9 system technology in nematode studies
8. Plant-root-knot nematode interaction
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 meeting: Global change and nematology challenges

32 CONCURRENT SESSIONS (Tentative titles)

Monday morning

- Plant resistance and nematode virulence
- New challenges in nematodes taxonomy
- 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
- Site specific management: instrumentation and application
- Nematode-vector relationships
- Nematode community assemblies

Tuesday afternoon

- 'Omics' in nematology (continued)
- Global change and nematode issues
- Nematode detection: instrumentation and application
- Biological control of nematodes/biopesticides

Thursday morning

- Integrated nematode management
- Metabolism & physiology of nematodes
- EPN ecology and biology
- Legislation and regulatory aspects of plant nematodes

Thursday afternoon

- Soil suppressiveness and nematode control using subsidiary crops
- Metabolism & physiology of nematodes (continued)
- EPN commercialization and application
- Next generation nematicides

Friday morning

- Interactions of nematodes with microorganisms
- Trade and market access implications of plant parasitic nematodes
- Management of nematodes in tropical conditions
- TBD

Friday afternoon

- Effectors in plant parasitic nematodes
- Nematodes as bioindicators
- Future of nematology: education and training
- Natural product nematicides