

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



Poster session



200 talks
100 flash presentations



600 attendees

12 PLENARY SESSIONS

1. Microgravity effect on entomopathogenic nematodes' ability to find and kill insects
2. Plant Root-knot Nematode Interaction: a sophisticated dialogue
3. Nematode co-evolution with natural biotic environment
4. Elucidating global biodiversity patterns and host-associated microbiomes in free-living marine nematodes
5. Nematode chemosensation: implications on insect pest management
6. *C. elegans* and other nematodes as biological models
7. Key functional factors involved in animal and human nematodiasis
8. Trade and market access implications of plant parasitic nematodes
9. The use of high-throughput sequencing (HTS) on biodiversity studies of nematode communities in diverse habitats
10. From human to plant diseases, robust and transposable approaches in the big data era to control pests
11. IFNS Global Capacity building programs in nematology
12. Nematology challenges in the context of Global change

32 CONCURRENT SESSIONS

Monday morning

- Plant resistance and nematode virulence
- Soil suppressiveness and nematode control using cover crops
- Ecology of free living nematodes
- EPN ecology and biology

Monday afternoon

- Plant resistance and nematode virulence (continued)
- Phylogenetics/Phylogenomics: the latest updates on the Phylum Nematoda
- Biodiversity of aquatic nematodes
- Nematode management in tropical conditions

Tuesday morning

- 'Omics' in nematology
- Advances in precision agriculture: instrumentation and nematode IPM applications
- Nematode-vector relationships
- Chemical control of nematodes

Tuesday afternoon

- 'Omics' in nematology (continued)
- Social impact of nematode management
- Advances in nematode detection and identification: instrumentation and applications
- Biological control of nematodes

Wednesday morning

- Integrated nematode management
- Nematodes as bioindicators
- Future of nematology, education and training
- Natural Products as nematicides

Thursday morning

- Nematode-plant interactions
- Metabolism & Physiology of nematodes
- Integrated nematode management (continued)
- Legislation and Regulatory aspects of plant nematodes

Thursday afternoon

- New challenges in nematodes taxonomy and evolution
- Metabolism & Physiology of nematodes (continued)
- EPN commercialization and application
- Next-generation nematicides

Friday morning

- Interactions of nematodes with micro-organisms
- Trade and market access implications of plant parasitic nematodes
- Nematode community assemblies
- Effectors in plant parasitic nematodes

12 CONCURRENT WORKSHOPS

Monday afternoon

- Expanding indicator qualities of nematodes to identify sustainable soil health
- *Aphelenchoides besseyi*: reemergence of a forgotten parasite
- Advances and challenges in CRISPR-mediated technologies in parasitic and free-living nematodes
- DNA barcoding of nematodes

Tuesday afternoon

- Nematode-bacteria symbiosis
- *Globodera* Alliance Workshop
- Bayer: The future of integrated nematode management solutions
- Nemaplex and NINJA: features and uses

Thursday afternoon

- Grape vines nematode management
- Nematode-fungal interactions and complex diseases
- Slime time: Nematodes associated with terrestrial slugs
- Making better presentations and posters

LEAD SPONSOR



GOLD SPONSORS



SILVER SPONSORS



BRONZE SPONSORS





SPONSORS



PUBLIC PARTNERS

