

Workshop 2**General abstract:*****Aphelenchoides besseyi*: reemergence of a forgotten parasite.**

Johan Desaeager (jad@ufl.edu)

University of Florida

The genus *Aphelenchoides* contains many ubiquitous fungal feeding nematode species, as well as nematodes species that are parasites of plants. The plant-parasitic species often have a very wide host range, occurring as ectoparasites or endoparasites of the buds, leaves and growing points of many economically important crops. *Aphelenchoides besseyi* is the most important plant-parasite in this group. This species has a global distribution, mostly in rice-growing regions of the world, but also in strawberry, ornamental, and soybean crops. This workshop will provide an overview of the importance of *Aphelenchoides besseyi* in different geographic regions (US, Brazil and China) by experts from these three regions, and focused on the complexity, species differentiation, and feeding preferences of this cryptic species. The regional overviews will be followed by a group discussion on the reemergence of foliar nematodes in relation to changing climate, and agricultural and nematode management practices.

Agenda:

- **Occurrence and Control of *Aphelenchoides besseyi* in China.**
Hongli Ji, Jialian Xie, Fang Yang, Xing Xu, Yunliang Peng
- **Summer crimp disease (*Aphelenchoides besseyi*): Species delimitation and feeding habits.**
Clemen Oliveira, Johan Desaeager, Sergei Subbotin, Renato Inserra, Janete Brito, Natalia Peres
- ***Aphelenchoides besseyi*: Emerging challenge in Brazilian crops.**
Andressa Machado
- **General discussion**