

**Diagnostics of major groups of insect parasitic nematodes used in biological control
Locorotondo, Bari, Italy, June 2005.**

Lecturer:

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Day 1.

- 1- Historical background. Main groups of insect parasitic/pathogenic nematodes considered in biological control (lecture)
- 2-Taxonomy, new classification scheme. (lecture)
- 3- Nematode morphology, a review. (lecture)

- 4- Key diagnostic morphological traits for identification and diagnostics of major insect parasitic nematodes, Part I. Use of dichotomus keys. (laboratory)

Day 2

- 5- Molecular diagnostics. Selection of genes and markers. (lecture)
- 6- Methods commonly used for diagnostics and phylogenetics (lecture)

7. Key diagnostic morphological traits for identification and diagnostics Part II (Steinernematidae and Heterorhabditidae). Use of dichotomus and interactive keys. (laboratory).

For more course information please check the following website:

<http://www.agr.uniba.it/iobc/>

10th. European Biannual Meeting of the IOBC/WPRS Working Group “Insect Pathogens and Insect Parasitic Nematodes” “Invertebrate Pathogens and Biocontrol: Present and Future”

Organizer: Prof. Dr. Oreste Triggiani (triggian@agr.uniba.it)