

SYMPOSIA

+ BIODIVERSITY

Symposia:

- Insect decline and Conservation biology
- Species distribution
- Insect monitoring: Smart traps, Monitoring systems and innovative infrastructure in field entomology

+ ECOLOGY AND BEHAVIOR

Symposia:

- Behavioral ecology
- Imaging, sensing and tracking tools
- Population dynamics and modelling
- Multitrophic interactions
- Plant-Insect and Plant-Insect-microorganisms interactions
- Chemical Ecology of Insect Interactions: From Molecules to Ecosystems

+ EVOLUTIONARY GENETICS

Symposia:

- Eco-evolutionary dynamics of sexual selection and sexual conflicts
- Genomics and Evolutionary novelties
- Unraveling phenotypic plasticity: Molecular Bases to Evolutionary Outcomes
- Eco-evolutionary dynamics of host-microbiome interactions
- Genetic variation & selection in insect populations
- Symbionts and Insects as Holobionts

+ GLOBAL CHANGE

Symposia:

- Thermal ecology and climate change
- Biological invasion
- Insects and resistance mechanisms

+ INSECT VECTORS

Symposia:

- Vectors of plant pathogens
- Medical entomology
- Veterinary entomology

+ INSECTS AND SOCIETY

Symposia:

- Forest entomology
- Insects and Ecosystems services in agriculture
- Biopesticides and improved formulations
- Urban entomology
- Entomological education and citizen science in entomology
- Global Entomology: Strengthening North-South Cooperation
- AI and machine learning
- Forensic Entomology
- From research to impact: Translating entomological science into policy and practice

+ INSECTS AS SOLUTIONS

Symposia:

- Biomimetism – From biological to bio-inspired photonic materials
- Biomimetism – Bioinspired materials, sensory and actuation systems
- Insects as feed and food
- Ecosystem services – Biocontrol and Integrated pest management
- Ecosystem services -Soil managers and Architects
- Ecosystems services – Pollination

+ INSECTS THROUGH TIME

Symposia:

- Paleoentomology
- Museomics
- Insect Systematics in the Biodiversity Crisis: Bridging Tradition and Innovation
- Archeoentomology

+ PHYSIOLOGY AND BIOCHEMISTRY

Symposia:

- Endocrinology and Hormonal Regulation in Insects
- Insect pathology and immunity
- Neurobiology and Sensory systems
- Insect development
- Insect metabolism and nutrition

+ SOCIAL INSECTS

Symposia:

- Division of labour, Behavioural specialisation & collective decision making
- Parental care
- Apidology