

## Poster Presentations

### Poster session 1: Oct 17 (Tue) 17:30 – 19:00

- PS01** Samkova, Alena (Charles University, Faculty of Science, Department of Zoology, CZ)  
The parasitic wasp *Anaphes flavipes* as a model for parasitoid-host interactions: body size, fitness, variable reproductive strategy of the wasp and population density of host.
- PS02** Tomita, Marisa (Institute of Biological Control, Faculty of Agriculture, Kyushu University, Japan)  
Reproductive strategies of eggs parasitoid of stinkbugs related to host defense cost
- PS03** Nakabayashi, Yui (Faculty of Agriculture, Saga University, Japan)  
Parasitic strategy of *Cotesia inducta* (Hymenoptera: Braconidae) associated with an ant-tended lycaenid, *Narathura japonica* (Lepidoptera)
- PS04** Kamino, Tetsuyuki (Osaka Prefecture University, Japan)  
Host-parasitoid relationship between an aquatic moth, *Elophila turbata* and a braconid wasp, *Microgaster* sp.
- PS05** Ezaki, Kota (Graduate School of Systems Life Sciences, Kyushu University, Japan)  
Classification of aldehyde-specific olfactory sensory neurons in basiconic sensilla of the praying mantis *Tenodera aridifolia* based on response spectra and dose-response curve
- PS06** Sugawara, Yuma (Graduate School of Bio-resource and Bioenvironmental Sciences, Kyushu University, Japan)  
Does use of multiple infochemicals enable successful host searching in mating disruption field?
- PS07** Komeda, Yoto (Entomological Laboratory, Graduate School of Bioresource and Bioenvironmental Sciences, Kyushu University, Japan)  
Taxonomic review of orthopteran egg parasitoids of Scelioninae (Hymenoptera: Platygasteridae) in Japan

## Poster Presentations

- PS08 Ben Abdallah, Sara (Department of Agronomic Sciences, Kasdi Merbah Ouargla University, Algeria)  
Myrmecofauna of the Agricultural environments of the Ouargla region (Algerian sahara)
- PS09 Taisuke, Kawano (Entomological Laboratory, Graduate School of Bioresource and Bioenvironmental Sciences, Kyushu University, Japan)  
Species diversity of Calosotinae and Neanastatine (Hymenoptera: Eupelmidae) in Japan, with some new ecological information
- PS10 Komagata, Shin (Kyushu University, Graduate School of Integrated Sciences for Global Society, Japan)  
Review of host-parasitoid relationships on *Gymnosoma rotundatum* (L, 1758) (Diptera, Tachinidae).
- PS11 Tokuhira, Takuro (Laboratory of Insect Biodiversity and Ecosystem Science, Faculty of Agriculture, Kobe University, Japan)  
Taxonomy of Japanese Microgastrinae (Hymenoptera: Braconidae): present state
- PS12 Kikuchi, Namiki (Graduate School of Agriculture, Hokkaido University, Japan)  
Discovery of a peculiar species of Platylabini (Ichneumonidae, Ichneumoninae), and morphological adaptation to concealed hosts
- PS13 Takahashi, Michihiko (life science / Tohoku university, Japan)  
Identifying genes relating to different morphs in female-limited polymorphisms of the damselfly, *Ischnura senegalensis*
- PS14 Nagase, Mihoko (Graduate School of System Life Science, Kyushu University, Japan)  
Three-dimensional morphology and standardization of the brain of the praying mantis, *Tenodera aridifolia*
- PS15 Fujiki, Kentaro (Graduate School of System Life Science, Kyushu University, Japan)  
Standardization of neural structures of thoracic ganglia in the praying mantis

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- PS16 Htet, Yee May (Institute of Biological Control, Faculty of Agriculture, Kyushu University, Japan)  
Influence of food resources on parasitoids attacking rice and vegetable pests
- PS17 Ogino, Takumi (University of Tsukuba, Agro-biological Resource Sciences and Technology Graduate School of Life and Environmental Sciences, Japan)  
Violet light enhances attraction of *Nesidiocoris tenuis*
- PS18 Nakamura, Akinobu (Meiji University, Japan)  
Seasonal prevalence and species composition of *Orius* spp. in two eggplant fields at Kawasaki City in Japan.
- PS19 Kuki, Daiki (Meiji University, Japan)  
Effect of temperature on development of *Trissolucius japonicus*, an egg parasitoid of a fruit-piercing stink bug, *Glaucias subpunctatus* (Walker)
- PS20 Tsunashima, Ayaka (School of Agriculture, Meiji University, Japan)  
Regional differences in parasitism of a tachinid fly of a fruit-piercing stink bug, *Glaucias subpunctatus*
- PS21 Okatsu, Yutaro (Graduate School of Symbiotic Systems Science and Technology, Fukushima University, Japan)  
Carabid beetle assemblages in semi-natural grassland maintained by traditional management in Yamagata prefecture, Japan
- PS22 Gau, Jingje (Kobe University, TAIWAN)  
Searching for molecular markers for evaluating ecosystem disturbance caused by flightless *Harmonia axyridis*
- PS23 Centurión Carrera, Alejandra (Population and Evolutionary Ecology Group, Institute of Ecology, University of Bremen, Germany)  
Genome sequencing of *Bracon brevicornis*

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### Poster session 2: Oct 19 (Thu) 17:45 – 19:00

- PR01** Nakao, Shiro (Graduate School of Life and Environmental Sciences, Kyoto Prefectural University, Japan)  
Prevalence of predatory habit in omnivorous *Haplothrips* species in Japan, with a special reference to phylogenetic relationship between *H. brebitubus* and *H. chinensis* (Thysanoptera: Phlaeothripidae)
- PR02** Takasu, Keiji (Faculty of Agriculture, Kyushu University, Japan)  
Individual rearing of the cassava mealybug and its koinobiont parasitoid on germinated broad bean seeds
- PR03** Arimoto, Koichi (JT Biohistory Research Hall, Japan)  
Evolution of Japanese non-pollinating fig wasps
- PR04** Louapre, Philippe (Université de Bourgogne Franche-Comté UMR CNRS 6282 Biogeosciences, France)  
Surviving in a warming world: mean temperature and fluctuations differently impact the defensive traits of a global grapevine pest
- PR05** Uchiyama, Hironobu (NODAI genome research center, Tokyo university of Agriculture, JAPAN)  
Sensory genes identification and comparison in ladybird beetles by head transcriptome analysis
- PR06** Ichiki, Ryoko (Central Region Agricultural Research Center, NARO, Japan)  
Direct observation of immature behavior and development of the endoparasitoid fly *Exorista japonica* (Diptera: Tachinidae) by using an in vitro rearing technique
- PR07** Uefune, Masayoshi (Faculty of Agriculture, Meijo University, Japan)  
The condition where the first stadium nymphs of *Orius strigicollis* benefit from the coexistence of the cannibalistic fifth stadium conspecific nymphs

## Poster Presentations

- PR08** Mylonas, Panagiotis (Benaki Phytopathological Institute, Greece)  
Behavioral and electrophysiological responses of *Trichogramma* parasitoids towards tomato plant volatiles induced after *Tuta absoluta* oviposition
- PR09** Kumrungsee, Nutchaya (Department of Biology, Rajamangala University of Technology Thanyaburi, Thailand)  
Bio-efficacy of *Piper ribesiodes* (Piperaceae : Piperales) extracts against *Spodoptera exigua* Hubner larvae (Lepidoptera : Noctuidae) and impact on detoxifying enzymes
- PR10** Devescovi, Francisco (Instituto de Genética "E.A. Favret", Instituto Nacional de Tecnología Agropecuaria (INTA), Argentina)  
Identification of volatile compounds obtained from larvae-infested and rotten fruit attractive to the fruit fly parasitoid *Diachasmimorpha longicaudata* (Ashmead) (Hymenoptera: Braconidae)
- PR11** Kainoh, Yooichi (Faculty of Life and Environmental Sciences, University of Tsukuba., Japan)  
Moth oviposition preference, neonate performance and induction of tea leaves to arrest the egg-larval parasitoid
- PR12** Ahmad, Shahbaz (Institute of Agricultural Sciences, Pakistan)  
Bioactivity of methanolic extracts of plants and essential oils against red flour beetle, *Tribolium castaneum*, (Coleoptera: Tenebrionidae) under laboratory conditions
- PR13** Gatti, Jean-Luc (, France)  
Ability of the endoparasitoid *Asobara japonica* (Hymenoptera) to control the Asiatic pest *Drosophila suzukii*
- PR14** Shimoda, Takeshi (Central Region Agricultural Center, Naro, Japan)  
Plant-attached shelters for protecting slow-release sachets of predatory mites against environmental stresses and for increasing predator release to greenhouse crops
- PR15** La-Spina, Michelangelo (Vineland Research & Innovation Centre, Canada)  
Side effects and sublethal effects of pesticides and biopesticides on *Aphidius ervi*

## Poster Presentations

- PR16** Shibuya, Shunichi (, Japan)  
Avoidance of insecticide resistance for *Oulema oryzae* by the frame treatment of a systemic insecticide and biological control using egg parasitoid, *Anaphes nipponicus* in paddy field
- PR17** Seko, Tomokazu (NARO Western Region Agricultural Research Center, Japan)  
Combination of two different approaches for long-term establishment of lady beetles: selective breeding and habitat management for providing alternative foods
- PR18** Miura, Kazuki (NARO Western Region Agricultural Research Center, Japan)  
*Wolbachia* infection in *Orius strigicollis* Poppius (Heteroptera, Anthocoridae) causes cytoplasmic incompatibility: implications for biological control
- PR19** Moreau, Jérôme (University of Burgundy UMR Biogéosciences, Equipe Ecologie Evolutive, France)  
To resist or to avoid? A question asked to caterpillars facing a parasitoid threat
- PR20** Ozawa, Rika (Center for Ecological Research, Kyoto Univ., Japan)  
Honey and uninfested plants enhance attractiveness of an artificial blend of herbivore-induced plant volatiles to *Cotesia vestalis*, a parasitoid of diamondback moth larvae
- PR21** Yalem, Juliana (Hawaii Department of Agriculture, USA)  
A multiparasitoid approach to managing *Erythrina* gall wasp in Hawaii
- PR22** Herz, Annette (Julius Kühn-Institut, Federal Research Centre for Cultivated Plants, Institute for Biological Control, Germany)  
Nutrition ecology of *Ascogaster quadridentata* (Hymenoptera, Braconidae) and its host, the codling moth, in apple orchards
- PR23** Rattanapun, Wigunda (Science and Agricultural Technology Department, Faculty of Science and Industrial Technology, Prince of Songkla University, Surat Thani Campus, Thailand)  
Diversity and abundance of pests and their natural enemies in a chili plot with and without eggplant (*Solanum xanthocarpum*) as trap crop

## Poster Presentations

- PR24** Thiel, Andra (Institute of Ecology, University of Bremen, Germany)  
BINGO - Breeding Invertebrates for Next Generation BioControl
- PR25** Thiel, Andra (Institute of Ecology, University of Bremen, Germany)  
Two species or just one? The example of *Habrobracon hebetor* and *H. brevicornis* (Hymenoptera, Braconidae)
- PR26** Brodeur, Jacques (Institut de recherche en biologie végétale, Université de Montréal, Montréal, Canada)  
Estimating parasitoid suppression of aphid populations in the field
- PR27** Teshiba, Mayumi (Fukuoka agriculture and forestry research center, Japan)  
Effect on the population density of Japanese mealybug by CLB, an attractant for parasitoid wasps.
- PR28** Nakano, Ryohei (Shizuoka Prefectural Research Institute of Agriculture and Forestry, Japan)  
Injury by zoophytophagous predator, *Nesidiocoris tenuis* (Reuter) (Hemiptera: Miridae) to three tomato cultivars in Japan
- PR29** Abram, Paul (Agassiz Research and Development Centre, Agriculture and Agri-Food Canada, Canada)  
Associative learning - induced persistence of parasitoids in mulch
- PR30** Mori, Kotaro (IPM group, Central Research Institute, Ishihara Sangyo Kaisha, LTD, Japan)  
AKAME?: Ecology of a predatory thrips, *Haplothrips brevitubus* (Karny) and its use for biological control of thrips in the protected strawberry
- PR31** Abe, Junichiro (Division of Agro-Environment Research, Western Region Agricultural Research Center, NARO, Japan)  
Development of an IPM program for management of pest aphids in Okura.

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- PR32** Zappalà, Lucia (Department of Agriculture, Food and Environment (Di3A), University of Catania, Italy)  
Lethal and sublethal effects of insecticides on *Trichopria drosophilae*, a major natural enemy of the spotted wing drosophila
- PR33** Zappalà, Lucia (Department of Agriculture, Food and Environment (Di3A), University of Catania, Italy)  
Non target sublethal effects of systemic insecticides on the harlequin ladybird *Harmonia axyridis*
- PR34** Hinomoto, Norihide (Central Region Agricultural Research Center, NARO, Japan)  
Banker plants enhance the capability of *Nesidiocoris tenuis* to control thrips in cucumber
- PR35** Higashida, Keita (Ishihara Sangyo Kaisha, LTD., Japan)  
Micro niches on the strawberry plants reduce the effect of pesticides on the predatory thrips, *Haplothrips brevitubus* (Karny)