

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

- PS01 Ryan Paul (BSPM, Colorado State University, USA)  
TBA
- PS02 Rahimi-Kaldehy, Somayeh (Department of Plant Protection, College of Agriculture and Natural Resources, University of Tehran, Iran)  
Indirect and direct effect of photoperiod on diapause induction in *Wolbachia* infected and uninfected *Trichogramma brassicae*
- PS03 Tomita, Marisa (Institute of Biological Control, Faculty of Agriculture, Kyushu University, Japan)  
Reproductive strategies of eggs parasitoid of stinkbugs related to host defense cost
- PS04 Nakabayashi, Yui (Faculty of Agriculture, Saga University, Japan)  
Parasitic strategy of *Cotesia inducta* (Hymenoptera: Braconidae) associated with an ant-tended lycaenid, *Narathura japonica* (Lepidoptera)
- PS05 Kamino, Tetsuyuki (Osaka Prefecture University, Japan)  
Host-parasitoid relationship between an aquatic moth, *Elophila turbata* and a braconid wasp, *Microgaster* sp.
- PS06 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
- PS07 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?
- PS08 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
- PS09 BEN ABDALLAH, Sara (Department of Agronomic Sciences, Kasdi Merbah Ouargla University, Algeria)  
Myrmecofauna of the Agricultural environments of the Ouargla region (Algerian sahara)
- PS10 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
- PS11 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).
- PS12 Tokuhira, Takuro (Laboratory of Insect Biodiversity and Ecosystem Science, Faculty of Agriculture, Kobe University, Japan)  
Taxonomy of Japanese Microgastrinae (Hymenoptera: Braconidae): present state
- PS13 Kikuchi, Namiki (Graduate School of Agriculture, Hokkaido University, Japan)  
Discovery of a peculiar species of Platylabini (Ichneumonidae, Ichneumoninae), and morphological adaptation to concealed hosts

- PS14 Takahashi, Michihiko (life science / Tohoku university, Japan)  
Identifying genes relating to different morphs in female-limited polymorphisms of the damselfly, *Ischnura senegalensis*
- PS15 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*
- PS16 Fujiki, Kentaro (Graduate School of System Life Science, Kyushu University, Japan)  
Standardization of neural structures of thoracic ganglia in the praying mantis
- PS17 HTET, YEE MAY (Institute of Biological Control, Faculty of Agriculture, Kyushu University, Japan)  
Influence of food resources on parasitoids attacking rice and vegetable pests
- PS18 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*
- PS19 Nakamura, Akinobu (Meiji University, Japan)  
Seasonal prevalence and species composition of *Orius* spp. in two eggplant fields at Kawasaki City in Japan.
- PS20 Kuki, Daiki (Meiji University, Japan)  
Effect of temperature on development of *Trissolucus japonicus*, an egg parasitoid of a fruit-piercing stink bug, *Glaucias subpunctatus* (Walker)
- PS21 Tsunashima, Ayaka (School of Agriculture, Meiji University, Japan)  
Regional differences in parasitism of a tachinid fly of a fruit-piercing stink bug, *Glaucias subpunctatus*
- PS22 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
- PS23 GAU, JINGJE (Kobe University, TAIWAN)  
Searching for molecular markers for evaluating ecosystem disturbance caused by flightless *Harmonia axyridis*
- PS24 Centurión Carrera, Alejandra (Population and Evolutionary Ecology Group, Institute of Ecology, University of Bremen, Germany)  
Genome sequencing of *Bracon brevicornis*
- PS25 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.
- PG01 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)
- PG02 Thiel, Andra (Institute of Ecology, University of Bremen, Germany)  
Two species or just one? The example of *Habrobracon hebetor* and *H. brevicornis* (Hymenoptera, Braconidae)
- PG03 Arimoto, Koichi (JT Biohistory Research Hall, Japan)  
Evolution of Japanese non-pollinating fig wasps

- PG04 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
- PG05 Uchiyama, Hironobu (NODAI genome research center, Tokyo university of Agriculture, JAPAN)  
Sensory genes identification and comparison in ladybird beetles by head transcriptome analysis
- PG06 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
- PG07 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 session 2: Oct 19 (Thu) 17:45 – 19:00

- PG08 Mylonas, Panagiotis (Benaki Phytopathological Institute, Greece)  
Behavioral and electrophysiological responses of *Trichogramma* parasitoids towards tomato plant volatiles induced after *Tuta absoluta* oviposition
- PG09 Kumrungsee, Nutchaya (Department of Biology, Rajamangala University of Technology Thanyaburi, Thailand)  
Bio-efficacy of *Piper ribesoides* (Piperaceae : Piperales) extracts against *Spodoptera exigua* Hubner larvae (Lepidoptera : Noctuidae) and impact on detoxifying enzymes
- PG10 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)
- PG11 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
- PG12 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
- PG13 Gatti, Jean-Luc (, France)  
Ability of the endoparasitoid *Asobara japonica* (Hymenoptera) to control the Asiatic pest *Drosophila suzukii*
- PG14 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
- PG15 La-Spina, Michelangelo (Vineland Research & Innovation Centre, Canada)  
Side effects and sublethal effects of pesticides and biopesticides on *Aphidius ervi*
- PG16 Bidul, Brahim (Uni Rh, Canada)  
TBA
- PG17 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
- PG18 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
- PG19 Miura, Kazuki (NARO Western Region Agricultural Research Center, Japan)  
*Wolbachia* infection in *Orius strigicollis* Poppius (Heteroptera, Anthocoridae) causes cytoplasmic incompatibility: implications for biological control
- PG20 Ashouri, Ahmad (Department of Plant Protection, College of Agriculture and Natural Resources, University of Tehran , Iran)  
Indirect and direct effect of photoperiod on diapause induction in *Wolbachia* infected and uninfected *Trichogramma brassicae*
- PG21 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

- PG22 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
- PG23 Yalemari, Juliana (Hawaii Department of Agriculture, USA)  
A multiparasitoid approach to managing *Erythrina* gall wasp in Hawaii
- PG24 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
- PG25 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
- PG26 Thiel, Andra (Institute of Ecology, University of Bremen, Germany)  
BINGO - Breeding Invertebrates for Next Generation BioControl
- PG27 Takasu, Keiji (Faculty of Agriculture, Kyushu University, Japan)  
Individual rearing of the cassava mealybug and its koinobiont parasitoid on germinated broad bean seeds
- PG28 Brodeur, Jacques (Institut de recherche en biologie végétale, Université de Montréal, Montréal, Canada)  
Estimating parasitoid suppression of aphid populations in the field
- PG29 TESHIBA, Mayumi (Fukuoka agriculture and forestry research center, Japan)  
Effect on the population density of Japanese mealybug by CLB, an attractant for parasitoid wasps.
- PG30 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
- PG31 Abram, Paul (Agassiz Research and Development Centre, Agriculture and Agri-Food Canada, Canada)  
Associative learning - induced persistence of parasitoids in mulch
- PG32 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
- PG33 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.
- PG34 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
- PG35 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*
- PG36 Hinomoto, Norihide (Central Region Agricultural Research Center, NARO, Japan)  
Banker plants enhance the capability of *Nesidiocoris tenuis* to control thrips in cucumber

- PG37 Asadi Zeidabadi, Mahdiah (Department of plant Protection, College of Agriculture, Shahid Bahonar University of Kerman, Iran)  
TBA
- PG38 Ashouri, Ahmad (Department of Plant Protection, Faculty of Agriculture, University of Tehran, Iran)  
Olfactory response of the predatory mite *Amblyseius swirskii* to cucumber plants infested with *Tetranychus urticae* and *Trialeurodes vaporariorum*
- PG39 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)