**XI INTERNATIONAL SYMPOSIUM ON APHIDS**

**Katowice-Targanice, 11-16.09.2022**

*Preliminary program*

(presenting authors are given here)

**SUNDAY 11.09**

**1500** – Arrivals and check-in of conference participants

**160**0 – **1900** – Registration

**1900** – Dinner

**MONDAY 12.09**

**0730** – **1000** – Breakfast and registration

**1000** – **1030** – ***The ceremonial opening ceremony of the conference.***

**1030** – **1400** – Oral speech session 1– Chair **Juan Manuel Nieto Nafría**

**1030** – **1130** – **Plenary keynote talk 1**. **Jean-Christophe Simon** - Mechanisms

of sex loss in the pea aphid

**1130** – **1200** – Coffee break

**1200**–**1230** – **Hana Platková** - eCAPE: Electronic catalogue of aphid-plant

ecology

**1230**–**1300** – **Kamila Malik** - *Drepanaphis acerifoliae* - can the Nearctic aphid

take over Europe?

**1300**–**1330** – **Sebastiano Barbagallo** - An updated Italian aphid fauna checklist

**1330**–**1400** – **Gazi Görür** - Additions to Türkiye aphid fauna with new biological

interactions from Mediterranean Region

**1400** – **1530** – Lunch

**1600** – **1830** – Oral speech session 2 – Chair **Sebastiano Barbagallo**

**1600** – **1700**– **Plenary keynote talk 2**. **Shin-Ichi Akimoto** – Self and non-self

recognition in aphids

**1700**–**1730** – **Juan Manuel Nieto Nafría** - Updated Argentine aphid check-list,

with two first Argentine records, provincial records and host

Plants

**1730**–**1800** – **Zhe Zhang** - DNA methylation and gene expression patterns show

differential responses to stress in aphids developing different

alternative morphs

**1800**–**1830** – **Donald Miller** - Ecology and Behavior of three new species of

*Tamalia* gall aphids

**1900** – Dinner

**TUESDAY 13.09**

**0730** – **0900** – Breakfast

**1000** – **1320** –Oral speech session 3 – Chair **Arnaud Ameline** & **Shalva Barjadze**

**0900** – **1000** – **Plenary keynote talk 3**. **Emmanuelle Jousselin** - Discordance

between phylogenomic datasets in aphids: who’s telling the truth

and what does it reveal about aphids diversification?

**1000**–**1030** – **Samiran Chakrabarti** - Endemic aphid species of Himalaya

**1030**–**1100** – **Xin-Tong** - Symbiotic Interactions by aphids galling on elm trees

**1100**–**1120** – **Giuseppe Massimino Cocuzza** - Molecular relationships on Euro-

Mediterranean *Myzocallis* species (Hemiptera, Calaphidinae)

**1120**–**1200** – Photo of participants and coffee break

**1200**–**1230** – **Shalva Barjadze** - *Pistacia*-feeding gall producing Fordini aphids

from Israel and adjacent countries

**1230**–**1300** – **Minho Lee** - Taxonomic review of Lachninae (Hemiptera:

Aphididae) in the Korean Peninsula

**1300**–**1320** – **Karina Wieczorek** - Taxonomic overview of the aphid species

alien to Poland with the first record on bamboo aphid.

**1330** – **1500** – Lunch

**1500** – **1700** – Oral speech session 4 – Chair **Beata Gabryś**

**1500**–**1520** – **Thomas Denoirjean** - Consequences on the performance and

preference of two orchard hemipteran pests of essential oil trunk

injection

**1520**–**1550** – **Alice Casiraghi** - The role of weed aphids for the maintenance of

natural enemy assemblages during wintertime in valencian citrus

orchards

**1550**–**1620** – **Moshe Inbar** - Functional ecology of aphid-induced galls (Fordini)

**1620**–**1650** – **Mariusz Kanturski** – Sensilla morphology and taxonomy of the

genus *Pyrolachnus* (Hemiptera, Aphididae)

**1900** – Festive conference banquet

**WEDNESDAY 14.09**

**0730** – **1000** – Breakfast

**1030** – **1400** – Guided mountain trip and joint field research (with collection of entomological

material) with harvesting techniques workshop.

**1400** – **1500** – Lunch

**1500** – **1900** – ***Poster session*** and best poster competition – **Emmanuelle Jousselin**, **Ge-xia**

**Qiao**, **Shin-Ichi Akimoto**, **Colin Favret** and **Jean-Christophe Simon**

**1900** – Dinner

**THURSDAY 15.09**

**0730** – **900** – Breakfast

**0900** – **1340** – Oral speech session 5 – Chair **Samiran Chakrabarti** & **Gazi Görür**

**0900** – **1000** – **Plenary keynote talk 4**. **Colin Favret** - The digital future of aphid

taxonomy

**1000**–**1030** – **Hui Zhang** - Reproductive differentiation of parthenogenetic

mothers regulates caste ratio in a hemipteran social insect

**1030**–**1100** – **Qiang Lee** - A comprehensive DNA barcode library for subtropical

aphids

**1100**–**1130** – **Qian Liu** - Strong linkage between symbiotic bacterial community

and host age and morph in a social aphid

**1130**–**1200** – Coffee Break

**1200**–**1230** – **Jenna Shaw** - Does hyperparasitoid presence influence oviposition

success in commercial aphid primary parasitoids?

**1230**–**1300** – **Arnaud Ameline** - Antagonist effects of the leek Allium porrum as

a companion plant on aphid host plant colonization

**1300**–**1340** – **Moshe Inbar** - Escape behavior in pea aphids: on and off the plant

**1400** – **1500** – Lunch

**1500** – **1900**– A trip to Żywiec and the Brewery Museum

**1900** – BBQ dinner and the evening of Polish culture

**FRIDAY 16.09**

**0730** – **1000** – Breakfast

**1000** – **1330** – Oral speech session 6. Chair **Seunghwan Lee** & **Moshe Inbar**

**1000** – **1030** – **Plenary keynote talk 5**. **Ge-Xia Qiao** – Chinese Academy of

Scinences

**1030**–**1100** – **Colin Favret** - The five ‘D's ff aphid taxonomy **1100**–**1130** – **Łukasz Depa** - Surprising host shift in specialised aphid – intrinsic

capability or impact of anthropogenic environment?

**1130**–**1200** – **Shifen Xu** - Whole genome sequencing of gall-forming aphids

provides insights into aphid evolution on galls

**1200**–**1230** – Coffee Break

**1230**–**1300** – **Maximilian** **Schughart** - Investigating grain aphid insecticide

resistance and BYDV transmission in post-Neonicotinoid Ireland

**1300**–**1330** – **Juan Manuel Nieto Nafría** - Will *Sitobion* have a Gondwanan

origin, as opposed to the Holarctic origin of *Macrosiphum*? Some

possible South American evidence

**1330**–**1400** – **Mariusz Kanturski** – Morphology and Taxonomy of the enigmatic

aphid genus *Sinolachnus* (Hemiptera, Aphididae)

**1400** – **1530** – Lunch

**1600** – **1630** – ***Ceremonial closing of the conference***

**1900** – Dinner

**SATURDAY 17.09**

**0730** – **1000** – Breakfast

**The list of posters** (presenting authors are given here)

1. **Shalva Barjadze** - Descriptions of the new aphid species of *Lipaphis* Mordvilko (Hemiptera: Aphididae) from South Korea, hitherto unknown oviparae of *Lipaphis ruderalis* Börner from the Czech Republic
2. **Shalva Barjadze** – Study of spatial distribution of aphid fauna (Hemiptera: Aphididae) in Georgia, South Caucasus
3. **Beata Gabryś** – Flexibility of aphid probing behavior in response to plant antixenosis
4. **Mariusz Kanturski** – Going North. Morphology and new records of *Cinara cedri* (Hemiptera, Aphididae: Lachninae) in Europe
5. **Mariusz Kanturski** – Morphology and sensilla of *Chaetosiphon fragaefolii* (Macrosiphini) – a new species for aphid fauna of Poland
6. **Mariusz Kanturski** – Revision of the genus *Nippolachnus* Matsumura (Lachninae)
7. **Natalia Kaszyca-Taszakowska** – Internal symbionts in *Dysaphis plantaginea* (Passerini, 1860)
8. **Minho Lee** – A new record of lettuce feeding aphid, *Acyrthosiphon lactuce* (Hemiptera:

Aphididae) in the Korean Peninsula

1. **Tongyi Liu** – Accelerated diversification at middle latitudes explains unusual diversity

gradients for Lachnine aphids (Insecta: Hemiptera: Aphididae)

1. **Kamila Malik** – Analysis of the distribution of the genus *Drepanaphis* del Guercio, 1909 based on museum data
2. **M. Pilar Mier Durante** – A new species of the neotropical genus *Gibbomyzus* (Macrosiphini) from Argentina
3. **Juan Manuel Nieto Nafría** – *Capitophorus formosartemisiae* (Macrosiphini), an Asian aphid recorded for first time in South America, and for first time on *Artemisia verlotiorum*
4. **Bartosz Ogłaza** – Morphological diversity of Mesozoic aphids
5. **Barbara Osiadacz** – Mass occurence of aphids as a threat to fir trees in Central Europe?
6. **Xin Tong** – Symbiotic interactions by aphids galling on elm trees
7. **Karina Wieczorek** – Distribution of the endemic High Arctic aphid species on the Svalbard Archipelago based on the published and unpublished field data
8. **Ying Xu** – New species of Macrosiphinin (Hemiptera, Aphididae, Aphidinae) in China