

Winners of the SIP 2020 poster contest

Poster session 1:

1. **Quijano** - Aphid and caterpillar feeding drive similar levels of induced defences and resistance in wild cotton.
2. **Paulmann** - Pea aphid (*Acyrtosiphon pisum*) host races differently influence phloem protein (forisome) based phloem-sealing defenses
3. **Fontanilla** - What goes in must come out? The metabolic profile of plants and caterpillars, frass, and adults of *Asota* (Erebidae: Aganainae) feeding on *Ficus* (Moraceae) in New Guinea

Poster session 2:

1. **Karssemeijer** - A transcriptomic dig into plant defence against a root herbivore
2. **Leandro** - Improved in-crop monitoring and use of trap cropping as novel approaches to the integrated pest management of aphid BYDV vectors in winter cereals
3. **Vitiello** - Simultaneous feeding by the herbivores *Brevicoryne brassicae* and *Plutella xylostella* alters the transcriptomic profile and induced resistance in *Brassica nigra* plants

Poster session 3:

1. **Kamps** - Double Trouble: Effects of water stress on direct and indirect plant resistance to *Myzus persicae*
2. **Schimmel** - A benzoxazinoid-derived methoxy-nitrophenol deters western corn rootworm larvae
3. **Galman & Touw**

Galman - Elevational gradients in constitutive and induced oak defences based on individual traits and their correlated expression patterns

Touw - Riddles in the dark: Root-knot nematodes facilitate performance of the root-herbivore *Delia radicum* on *Brassica rapa*

Poster session 4:

1. Putra – Lessons from silicon-enhanced root modulation in a symbiotic legume: Concepts, causes and consequences on an insect herbivore

2. Po-An Lin and Suijkerbuijk

Po-an Lin – Silencing the alarm. An insect salivary enzyme closes plant stomata and inhibits volatile release.

Suijkerbuijk – Understanding the role of herbivory on the balance between cross- and self pollination in *Brassica rapa*

3. Beretta – Is defence of *Echinothrips americanus*-larvae the key of their biocontrol?