

# Tree Resistance to Insects and Diseases: Putting Promise In to Practice

6<sup>th</sup> International Workshop on the Genetics of Tree-Parasite Interactions

<https://treeresistance2018.ca.uky.edu/>

## Invitation to Submit Abstracts Deadline: January 21, 2018

**Location:** Deer Creek State Park Lodge and Conference Center, Mount Sterling, Ohio USA

**Dates:** August 5-10, 2018.

**Conference Housing is limited** and there are no off site options nearby, so you are strongly encouraged to call 1-800-282-7275 to make your reservations ASAP, no later than **January 30**, 2018.

**Abstracts: Poster and oral presentation abstracts** are due by **January 21, 2018** and should be submitted electronically following guidelines on the workshop website:

(<https://treeresistance2018.ca.uky.edu/abstracts>)

There are a limited number of spots for oral presentations so meeting attendees may be limited to giving no more than one oral presentation (but may be a co-author on other oral presentations) or may be asked to present a poster in lieu of giving an oral presentation. Attendees may submit more than one abstract for poster presentations.

We encourage you to submit abstracts related to the following workshop topics, although submissions dealing with any aspect of tree resistance to insects and disease, either basic or applied research, are welcome.

- Progress and status of existing resistance programs
- Deployment and durability of resistance
- Inheritance of resistance
- Maintaining genetic variation
- Understanding mechanisms of resistance
- Breeding for resistance in a changing environment
- Genomics and other tools to accelerate breeding and deployment of resistance
- Transgenics as a tool to accelerate breeding and deployment of resistance
- New & emerging challenges and technologies
- Special session on Emerald Ash Borer & Ash Dieback Disease
- Special session on *Phytophthora* species

### **Workshop Publications:**

There will be two different post-workshop publications: 1) an online peer-reviewed **Workshop Proceedings** will include all accepted abstracts, but participants can instead choose to submit an extended abstract or full manuscript and 2) a special issue in the journal *Plants, People, Planet* (<http://nph.onlinelibrary.wiley.com/hub/plants-people-planet.html>). Be sure to indicate if you would like your abstract considered for this special issue upon submission (check boxes will be part of the electronic submission process). Abstracts must be submitted in the requested format, a sample template is available on the website.

1) The **Workshop Proceedings** will be published online by the USDA Forest Southern Research Station. The intent of the Proceedings is to capture the diversity of information represented at the workshop as was done at the 2011 workshop ([https://www.fs.fed.us/psw/publications/documents/psw\\_gtr240/](https://www.fs.fed.us/psw/publications/documents/psw_gtr240/)). This is an opportunity to share reviews, method applications, perspectives, management or research overviews, discussions of interdisciplinary synergies or interfaces, new technologies, future directions, etc. This workshop is a unique gathering of scientists and managers concerned with resistance to insects and diseases from the research phase all the way through the operational deployment phase— and this proceedings will provide the principle record for the public and for planning future tree resistance workshops. There is no cost for submission and we encourage including color photographs, diagrams, and figures. Submissions for the proceedings will be due by **September 17, 2018**. Please direct questions to Dana Nelson at [dananelson@fs.fed.us](mailto:dananelson@fs.fed.us). We welcome submissions of:

- **Abstracts** – this would be the abstract submitted for use in the workshop program. Please send a revised version if you do not want the Workshop program version included in the Proceedings.
- **Extended Abstracts** – a longer discussion than the original abstract that can include tables, figures, diagrams and citations as well as more background, context, discussion, and interpretation.
- **Full Papers** – a fully developed research study, program overview, concept or review.

2) Presenters at the workshop may request consideration to submit a manuscript for a special issue of *Plants, People, Planet* entitled “Genetics for Forest Health”, edited by Richard Buggs. *Plants, People, Planet* is a new journal published by New Phytologist Trust. It aims to publish outstanding research across the plant sciences, placing this research firmly within the context of its wider relevance to people, society and the planet.

*Plants, People, Planet* will consider a number of article types:

**Research articles** report complete studies that provide new and valuable insights into plant science. These should generally be in the region of 3500–4000 words, with up to 60 references and 6-8 display items.

**Brief Reports** highlight preliminary findings of research in progress or a case report of particular interest. These are usually in the region of 1500 words, with 20 references and 2 display items.

**Review articles** are critical reviews of the literature, including systematic reviews and meta-analyses. These should generally be in the region of 4000 words, with up to 6 display items.

Presenters interested in submitting a manuscript for this special issue are encouraged to indicate this when submitting their conference abstract, or to contact Richard Buggs directly. You will be notified after the workshop, by August 17, 2018, if you are invited to submit a manuscript and submissions are due by October 19, 2018. For more information about *Plants, People, Planet* please visit the journal website at <http://nph.onlinelibrary.wiley.com/hub/plants-people-planet.html>, or email Executive Editor Sarah Lennon at [s.lennon@lancaster.ac.uk](mailto:s.lennon@lancaster.ac.uk).

## Key Dates

Abstracts due by **January 21, 2018**

Lodging reservations at Deer Creek Lodge and Conference Center by **January 30, 2018**

Meeting registration information will be posted on the website in early **January**

Notification of acceptance of abstract by **January 24, 2018**

Final Proceedings submissions due **October. 19, 2018**

Invitation to submit paper to Special Issue of *Plants, People, Planet* notice by **August 17, 2018**

Final manuscript submissions to Special Issue of *Plants, People, Planet* due by **October 19, 2018**

Please pass this information on to others.

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