

**European Weed Research Society Working Group Meeting on
Site Specific Weed Management
30 October - 1 November 2019
University of Southern Denmark Odense, Denmark**

Recent progress in research and engineering of weed sensing, data science, precision sprayers and robotics have made it possible to automate weed identification, weed mapping and site specific control of weeds with advanced sprayers and robots. At this workshop in Odense, we will share these latest progresses and discuss how they enables answering scientific questions and practical applications.

The workshop starts with the keynotes

Dealing with images from drones - using standard image processing and deep learning by ass. prof. Henrik Skov Midtiby, Mærsk Institut, University of Southern Denmark

Advanced data fusion for weed mapping given by Dr. Tarin Pas-Kagan ARO, Israel

The format of the workshop will be a mixture of presentation composed from the submitted abstracts and group discussions. In addition, ass. Prof. Jesper Rasmussen and research ass. Saiful Azima holds a special tutorial workshop on how to map weed density with your mobile phone and QGIS.

The weather in Odense in the end of October is cool-cold. It is autumn with average temperatures between 5-to-10 °C during the day. Approximately 9 h of light: sunrise around 6:30 am and sunset around 5 pm.

Participation

If you would like to participate and contribute to the workshop, please **send an abstract to Ran Lati** ranl@volcani.agri.gov.il. In order to allow high quality discussion and activities we will be happy to know as earlier as possible as and **no later than before 30. August 2019** if you are interested and planning to come.

We have funds to support up to five students and young scientists according to the EWRS rules. Please encourage your students to attend the joint workshop. If you are interested, please send your application and an abstract to Ran Lati ranl@volcani.agri.gov.il before 30. August 2019.

Preliminary program

Tuesday, 29. October

Arrival and Registration

Wednesday, 30. October and Thursday 31. October: Keynote, talks and discussions will be composed and announced in the second circular

Friday 1 st November: Visit at Gyldensteen Manor that has a large production of onions and pumpkins. The farm collaborates with University of Southern Denmark, Aarhus University and the company AgroIntelli <http://www.agrointelli.com/> on applying robotics and precision agriculture.

Organizing Committee

- Chairman prof. Svend Christiansen: Department of Plant and Environmental Sciences, University of Copenhagen, Denmark
- Vice-chairman ass. prof. Ran Lati: Agricultural Research Organization (ARO) the Volcani Center, Newe Ya'ar Research Center, Israel
- Ass. prof. Hanan Eizenberg – Agricultural Research Organization (ARO) the Volcani Center, Newe Ya'ar Research Center, Israel.
- Ass. prof. Henrik Skov Midtiby – Mærsk Institute, University of Southern Denmark (SDU).

Venue

- University of Southern Denmark (SDU) – Odense, Denmark (details tbd)
- Field Trip to Gyldensteen Gods

Connections from airport to the Workshop's place University of Southern Denmark.

By car: Please use the information on

https://www.sdu.dk/da/om_sdu/konferencefaciliteter/koerselsvejledning

Arriving by Plane

Fly to Copenhagen (CPH) and then take a direct train to Odense.

Arriving by Train

Multiple bus routes connects the train station with university campus. Approx ten minutes between departures.

Accommodation

A few hotels are close to the workshop venue at SDU. Participants can book directly at Hotel Odense (a part of the Odense Congress Center right next to SDU), Knudsens Gaard, or at the nearest hostel - Kragstbjerggaard.

Odense is a large city and has a number of hotels that can be booked via www.trivago.dk or www.hotels.com. Odense city buses connect to buses to the University. You can also use city bikes that you can borrow free or rent at a cheap price. There are bike paths throughout Odense and the distance to the university is less than 7-8 km if you rent a hotel in Odense.

Deadlines:

- First circular July 2019
- Receiving abstracts 30. August
- Second circular including draft program and registration 5. September
- Deadline for registration 30. September
- Third circular with final program 10. October

A registration fee of 100 Euro will be charged to cover lunch and dinner on 30 and 31 October

A registration fee of 75 Euro will be charged to cover the transport and lunch for the field excursion on the 1. November