

TRAINING COURSE AND WORKSHOP

# PROGRAM: ADVANCED MICROSCOPY TECHNIQUES FOR PLANT-MICROBE INTERACTION ANALYSIS

Vienna / Tulln (Austria), Nov 27<sup>th</sup> - Dec 2<sup>nd</sup> 2017



# PROGRAM

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### // Monday, November 27th 2017

12:30 - 13:30 Lunch and welcome of participants  
13:30 - 14:30 Stéphane Compant: Microscopy of plant microbe interactions I  
14:30 - 16:30 Lab I - III  
In between Coffee Break  
16:30 - 17:30 Birgit Mitter: Means of visualizing plant microbe interaction  
17:30 - 20:00 Your project - poster presentations of participants and Welcome Reception

### // Tuesday, November 28th 2017

09:00 - 10:00 Ursula Sauer: AFM and SEM: close-ups of the phyllosphere  
10:00 - 10:15 Coffee Break  
10:15 - 12:00 Lab I - III  
12:00 - 13:00 Lunch  
13:00 - 14:00 Stéphane Compant: Microscopy of plant microbe interactions II  
14:00 - 15:00 Guest lecture/ company demonstration t.b.d  
15:00 - 17:00 Lab I - III

### // Wednesday, November 29th 2017

09:00 - 10:00 Guest lecture/ company presentation tbd  
10:00 - 10:15 Coffee Break  
10:15 - 12:00 Lab I - III  
12:00 - 13:00 Lunch  
14:00 - 18:00 Bus to Vienna  
Visit of Company Facilities  
afterwards: Workshop Dinner in Vienna  
Bus to Tulln

### // Thursday, November 30th 2017

09:00 - 10:30 Lab IV - VI  
10:30 - 10:45 Coffee Break  
10:45 - 12:15 Lab IV - VI  
12:15 - 13:15 Lunch  
13:15 - 16:00 Guest lecture/ company presentation tbd  
in between Coffee Break

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### // Friday, December 1th 2017

09:00 – 10:00 Levi A. Gheber: Atomic Force Microscopy  
10:00 – 11:30 Lab IV – VI  
11:30 – 11:40 Coffee Break  
11:45 – 12:45 Levi A. Gheber: Image Analysis I  
13:00 – 14:00 Lunch  
14:00 – 15:30 Lab IV – VI  
15:30 – 17:00 Levi A. Gheber: Image Analysis II

### // Saturday, December 2nd 2017

09:00 - 11:00 Guest lecture/ company presentation tbd  
11:00 - 11:30 Coffee Break  
11:30 - 13:00 Wrap up  
13:00 - 14:00 Lunch and Farewell

LAB I Transformation (B. Mitter) – for 2 groups  
LAB II AFM (U. Sauer)  
LAB III CSLM (S. Compant)  
Lab IV SEM (U. Sauer)  
Lab V CSLM of transformed bacteria (S. Compant)  
Lab VI Image Analysis (L. Gheber) – for 2 groups

### CONTACT

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