

Program

Sunday 12 June

11:00-17:00	Lenticell rot group meeting at the Agricultural University of Plovdiv (organized by Marcel Wenneker)
17:00-18:30	Dinner of lenticel group near the Agricultural University
19:00-21:00	Informal reception at Grand Hotel

Monday 13 June

07:30-08:30	Registration at Grand Hotel at conference hall Paris
08:30-08:45	Welcome to the participants by the Vice Rector of Science of Agricultural University Prof. Vladislav Popov
08:45-09:00	Welcome and practical information by Zvezdomir JeleV and Arne Stensvand

Disease resistance

Moderator: Awais Khan/Elias Dorfmann

09:00-09:20	Awais Khan: Breeding, and genetics of disease resistance in apples (fruit trees): Challenges and new opportunities
09:20-09:40	Elias Dorfmann: Contribution of disease resistance breeding for sustainable apple fruit production
09:40-10:00	Awais Khan: Rapid decline of young apple trees in high-density orchards: Looking into potential causes
10:00-10:05	Poster introduction: Awais Khan: Is there a relationship between rootstocks, root traits, and susceptibility to fire blight in apples?
10:05-10:30	Discussion
10:30-11:00	Break

Apple and pear scab

Moderator: An Ceustermans/Regina Rancane

11:00-11:20	An Ceustermans: Orchard dependent control and prediction of storage scab on apple
11:20-11:40	Daniele Prodorutti: Reducing primary infections of <i>Venturia inaequalis</i> by sprinkler irrigation
11:40-12:00	Regina Rancane: Twig scab in pear in Latvia
12:00-12:20	Vincent Phillon: Evaluation of efficacy of fungicides against <i>Venturia inaequalis</i>
12:20-12:25	Poster introduction: Olga Sokolova: Evaluation of <i>Venturia inaequalis</i> virulence on apple immature fruits and detached leaves by an <i>in-vitro</i> methodology

12th IOBC Pome Fruit Disease Workshop

12:25-12:30	Poster introduction: Katherine Stewart: Understanding the dynamics of ascospore production to optimize apple scab management
12:30-12:35	Poster introduction: Zuzana Haňáčková: Effectiveness of alternative spraying systems in control of apple scab and powdery mildew
12:35-12:40	Poster introduction: Regina Rancane: Apple scab control and resistance risk of <i>Venturia inaequalis</i> to cyprodinil and difenoconazol in apple orchard
12:40-12:45	Poster introduction: Daniele Prodorutti: <i>Venturia asperata</i> , a new species causing apple scab in Italy
12:45-13:00	Discussion
13:00-14:30	Lunch

Meeting the industry (20 min talks + 10 min discussion)

Moderators: Zvezdomir Jelev/Arne Stensvand

14:30-15:00	Vincent Phillon: Integrated Fruit Production is not only about commercial pesticides
15:00-15:30	Karl Schloffer: Organic apple production into the next decade
15:30-16:00	Peter Triloff: 50% less pesticide use by 2030: promises made by politicians from Brussels to Stuttgart - How can this be achieved in pome fruit?
16:00-16:30	Break
16:30-17:00	David Gadoury: Use of UV Light to suppress diseases and pests
17:00-17:30	Marcel Wenneker: Apple production under rainproof covers - benefits and limitations
17:30-18:00	Zvezdomir Jelev: Influence of lime sulfur and other inorganic salts to apple trees physiology and nutrition
18:00-18:30	Discussion

Tuesday 14 June

European canker

Moderators: Dalphy Hartevelde/Rebecca Campbell

08:30-08:50	Dalphy Hartevelde: From molecular detection to the practical application as an early stage screening assay for European canker (<i>Neonectria ditissima</i>) in apple trees
08:50-09:10	Matevz Papp-Rupar: Biocontrol of apple canker (<i>Neonectria ditissima</i>) with endophytic fungal strain of <i>Epicoccum nigrum</i> : from sequence to field application
09:10-09:30	Jorunn Børve: Development of <i>Neonectria ditissima</i> during propagation and after planting of apple trees
09:30-09:50	Arne Stensvand: Time of ascospore release of <i>Neonectria ditissima</i> in Norwegian apple orchards

09:50-09:55	Poster introduction: Dalphy Hartevelde: Balancing nitrogen fertilization in apples: Boosting plant growth or European canker?
09:55-10:00	Poster introduction: Hamish McLean: Investigating abiotic and biotic factors affecting apple canker (<i>Neonectria ditissima</i>) symptom development
10:00-10:20	Discussion
10:20-10:50	Break

Fire blight

Moderators: Mery Dafny Yelin/Sabine Oettl

10:50-11:20	Srđan Aćimović: Shoot blight and fire blight canker control on 'Bartlett' pear with Regalia and antibiotics
11:20-11:40	David Gadoury: Nighttime applications of germicidal ultraviolet light (UV-C) suppressed fire blight (<i>Erwinia amylovora</i>) on apple
11:40-12:00	Mery Dafny Yelin: New sustainable treatment against fire blight disease in pears using quorum-sensing disruption
12:00-12:05	Poster introduction: Srđan Aćimović: Optimizing a viability digital PCR (v-dPCR) protocol to a droplet digital PCR (ddPCR) platform to detect and quantify <i>Erwinia amylovora</i> (Ea) in fire blight cankers
12:05-12:10	Poster introduction: Srđan Aćimović: Pathogenicity-related gene expression in apple and Asian pear perennial bark tissues surrounding fire blight cankers
12:10-12:15	Poster introduction: Srđan Aćimović: <i>Erwinia amylovora</i> gene-expression regulation in response to copper shock and copper adaptation in a copper sensitive and a copper tolerant strain

Poster session

Moderators: Mery Dafny Yelin/Sabine Oettl

12:15-12:20	Poster introduction: Hans-Jakob Schaerer: Assessment of spore traps for catching <i>Diplocarpon coronariae</i> conidia
12:20-12:25	Poster introduction: Ulrike Persen: Comparison of the pathogen load with <i>Neofabraea</i> sp. on apples before and after storage
12:25-12:30	Poster introduction: Fanny Le Berre: Evolutions in the RIMpro Apple scab model
12:30-12:35	Poster introduction: Sabine Oettl: Molecular characterisation and SDHI-sensitivity of <i>Alternaria</i> sp. isolates in South Tyrol (Northern Italy)
12:35-12:40	Poster introduction: Gianni Ceredi: Monitoring of <i>Neofabraea</i> spp. in apple orchards with LAMP technology aimed at rationalizing pre-harvest chemical prophylaxis
12:40-12:45	Poster introduction: Najla Sadfi: Biocontrol of pome diseases under post-harvest commercial conditions using bacterial and yeast strains
12:45-12:50	Poster introduction: Najla Sadfi: Aeromycobiota Profile in Apple Warehouses: Four undescribed fungal pathogens to the fruit

12th IOBC Pome Fruit Disease Workshop

12:50-13:00	First glance at posters
13:00-14:30	Lunch
14:30-16:00	Poster session continues
16:00-18:30	Sightseeing in the old town of Plovdiv
19:00-22:00	Dinner in the center of Plovdiv

Wednesday 15 June

Full-day excursion to orchards and Kazanlak

8:00	Departure from Grand Hotel Plovdiv
8:20-9:00	Visit of IPM center in the Agricultural University
9:50-11:20	Visit of apple and pear growing farm, fruit storage near Plodovitovo
12:30	Lunch near the Lake of Koprinka
14:00-17:00	Tour in the valley of Thracian Kings near Kazanlak
18:30	Arrival at Grand Hotel Plovdiv

Thursday 16 June

Storage diseases and other diseases

Moderators: Kerry Everett/Jorunn Børve

08:30-08:50	Sabine Oettl: Speckled lenticel spots (SLS) – an emerging postharvest disease on apples in South Tyrol (Northern Italy)
08:50-09:10	Kerry Everett: The effect of inoculum source removal on bull's eye rot incidence
09:10-09:30	Jorunn Børve: Phacidiopycnis rot, rubbery rot, or speck rot caused by <i>Phacidiopycnis washingtonensis</i> on apple in Norway
09:30-09:50	Daina Eveline Grinbergs Salas: Unraveling Silverleaf (<i>Chondrostereum purpureum</i>) control in apple through bacterial endophytes
09:50-10:10	Javier Chilian: Elucidating the induced immune response for Silverleaf (<i>Chondrostereum purpureum</i>) control with beneficial microorganisms
10:10-10:30	Alma Valiuskaite: Sustainable plant protection for apple fruit quality
10:30-11:00	Break
11:00-11:20	Marcel Wenneker: Influence of fruit age of 'Conference' pear to infection by <i>Stemphylium vesicarium</i>
11:20-11:40	Srđan Aćimović: <i>Colletotrichum</i> species causing bitter rot disease in apple orchards in Virginia
11:40-12:00	Discussion
12:00-13:30	Lunch

Disease forecasting

Moderators: Marcel Wenneker/ Srđan Aćimović

13:30-13:50	Adrie Boshuizen: Development of new forecasting models
13:50-14:10	Rebecca Campbell: European canker risk model development – a New Zealand perspective
14:10-14:30	Mery Dafny Yelin: Fire blight management in pears using the local Israeli decision support system to improve plant health
14:30-14:50	Adrie Boshuizen: Modelling <i>Neonectria ditissima</i> , causal agent of European Fruit Tree Canker
14:50-15:20	Discussion
15:20-19:00	Free time
19:00-19:30	Departure from Grand Hotel Plovdiv
19:30- 22:00	Gala dinner in a place near Plovdiv
22:20	Arrival at Grand Hotel Plovdiv

Friday 17 June

Post workshop excursion

8:30	Departure from Grand Hotel Plovdiv
12:00-13:30	Accommodation and Lunch in Bolyarsko selo in Arbanassi
13:30-16:30	Visit of the Fortress of Tsarevets and old town of Veliko Tarnovo
16:30-19:00	Free time in Veliko Tarnovo
19:30-21:00	Dinner in hotel Bolyarsko selo

Saturday 18 June

Transport to Sofia

The exact time of departure of a special bus will be announced when we receive all the information from the flight by everybody. It will be in the morning.

As to the people with early flights they should take a public bus.

From Veliko Tarnovo to Sofia many buses leave from 3-4 am till late in night. The bus ride is approx. 3 hrs. From the hotel to the bus station in Veliko Tarnovo, we can give you a lift or you may take a taxi. It is a 20 min drive.