

PROGRAMME (31.08.2023)

Sunday, 03 September, 2023 **17:00-19:00 Arrival**, Registration at the hotel 'Le Mercure' (58 Bd Carnot, 62000 Arras)

19:00-22:00 Welcome Reception at the hotel 'Le Mercure' (58 Bd Carnot, 62000 Arras)

Monday, 04 September, 2023 **08:00-09:00 Registration** (Université des Compagnons Hauts-de-France, 23 Av. Paul Michonneau, 62000 Arras)

Welcome and Opening Address

9:00- 9:15 **Karima Boucek-Mechiche**, Organizing Committee Chair (inov3PT, France)
Alison Lees, EAPR Pathology and Pests Section Chair (The JHI, Scotland, United Kingdom)

9:15-9:40 **Bernard Quééré**, Director of FN3PT/inov3PT (France)

9:40-11:40	Session 1- Late blight & early blight Chair Jadwiga Śliwka (IHAR-PIB, Poland)
9:40 K1	Didier Andrivon (INRAe-IGEPF-France) Potato health globally: current status and upcoming challenges
10:10 O1	Raanan Hagai (ARO, Israel) What triggers early blight like outbreaks during the spring growing season of potatoes in Israel?
10:30	Coffee break
11:00 O2	Vitore Shala-Mayrhofer (Austrian Chamber of Agriculture, Austria) Influence of weather conditions and production methods on the first occurrence of <i>Phytophthora infestans</i> and <i>Alternaria sp.</i> in Austria
11:20 O3	Jadwiga Śliwka (IHAR-PIB, Poland) Diversity analyses of key genes involved in the interaction between potato and <i>Phytophthora infestans</i>
11:40	POSTER presentation: P1/P2/P3/P4/P5/P6/P7
11:50	Arne Hermansen (NIBIO, Norway) EAPR 2024 Norway presentation
12:00	Lunch
13:20-15:10	Session 2- Soilborne diseases Chair Alison Lees (The JHI, Scotland, United Kingdom)
13:20 K2	Ueli Merz (ETH Zurich, retired) <i>Spongospora subterranea</i> f.sp. <i>subterranea</i> : A potato pathogen you should never ignore!
13:50 O4	Cindy Kristelijn (HZPC, The Netherlands) Development of a phytotron based resistance assay for powdery scab (<i>Spongospora subterranea</i> f.sp. <i>subterranea</i>) root galls and skin lesions in potato: progress walkthrough
14:10 O5	Maria de la O Leyva-Pérez (Teagasc, Ireland) ScabEomics: <i>Spongospora subterranea</i> effectoromics for resistance breeding to powdery scab in potato
14:30 O6	Minna Pirhonen (University of Helsinki, Finland) Dry rot, gangrene, pit rot and hard core in potato tubers in Finland
14:50 O7	Julie Pedersen (Aarhus University, Denmark) Microbial Interactions in the Potato Early Dying (PED) Complex
15:10 O8	Josep Massana-Codina (Agroscope, Switzerland) Insights on the structural and metabolic resistance of potato tubers to fungal diseases
15:30	POSTER presentation: P8/P9/P10/P11/P12
15:35	Coffee break
15:55-17:05	Session 3- Bacterial diseases Chair Jack Vossen (WUR, The Netherlands)
15:55 O9	Michiel Pel ((NIVIP, NVWA), WUR, The Netherlands) Characterization and diversity of <i>Pectobacterium</i> and <i>Dickeya</i> species in the Netherlands
16:15 O10	Ashleigh Holmes (The JHI, Scotland, UK) To swim, but not stick: describing the role of flagella in <i>Pectobacterium</i> -potato interactions.
16:35 O11	Anna Grupa-Urbańska (IHAR-PIB, Poland) Glycoalkaloids from <i>Solanum</i> modify virulence factors in <i>Dickeya solani</i> and <i>Pectobacterium brasiliense</i> sp. nov.

16:55 O12	Brice Dupuis (Agroscope, Switzerland) Increase of glycoalkaloid content in potato tubers by greening as a method to reduce the spread of <i>Pectobacterium</i> and <i>Dickeya</i> spp. in seed production systems
17:15	POSTER presentation: P13/P14/P15/P16/P17/P18/P19/P20
17:25	Poster session 1, 2 & 3 (20 posters)
18:00	EAPR Pathology and Pests Section Meeting (Chair Alison Lees)
18:30	Free evening

Tuesday, 5 September, 2023 Université des Compagnons Hauts-de-France, 23 Av. Paul Michonneau, 62000 Arras

8:30-9:50	Session 4- Potato Cyst Nematodes Chair Matthew Back (Harper Adams University, UK)
8:30 K3	James Price (The JHI, Scotland, United Kingdom) Potato cyst nematodes and the future of potato production in Scotland
9:00 O13	Misghina Goitom Teklu (WUR, The Netherlands) Screening wild potato genotypes for their novel source of resistance to a virulent Dutch Potato Cyst Nematode, <i>Globodera pallida</i>
9:20 O14	Matthew Back (Harper Adams University, United Kingdom) Selection and optimisation of solanaceous trap crops used for the suppression of potato cyst nematodes
9:40	POSTER presentation: P21
9:50-12:00	Session 5- Integrative approaches Chair Didier Andrivon (INRAE, France)
9:50 O15	Karima Bouchek-Mechiche (inov3pt, France) An integrative approach to control potato soil borne diseases
10h10 O16	Alexander Kröner (inov3pt, France) Impact of tillage on soil biological fertility and potato diseases in an agroecological potato production system
10:30	POSTER presentation : P22/P23/P24/P25/P26
10:40	Coffee break
11:00	Poster session 4 & 5 (6 posters)
11:20 O17	Zohralyn Homulle (WUR, The Netherlands) Intercropping as a sustainable alternative to reduce potato late blight infestation – a search for mechanisms
11:40 O18	Jack Vossen (WUR, The Netherlands) Screening for novel disease resistances in Solanum species using high throughput phenotyping methods in the The Holland Innovative Potato project
12:00	Lunch
13:00	Depart for Comité Nord Plants de Pomme de Terre & inov3PT Labs (Rue des Champs Potez, 62217 Achicourt)
13:30	Visit CN laboratories+ OPTIM'YST platform
16:00	Depart for Arras
16:30	Excursion: visit to Arras city
19:30	Free time
20:30	Conference dinner (Le Clusius, 3-5 Place de la Croix Rouge, 62000 Arras)

Wednesday, 6 September, 2023 Université des Compagnons Hauts-de-France, 23 Av. Paul Michonneau, 62000 Arras

8:30-12h	Session 6- Pests Insects Chair Bruno Ngala (inov3PT) and Martyn Cox (Blackthorn Arable Ltd, Norfolk, United Kingdom)
8:30 K4	Yves Le Hingrat (inov3PT, France) Sustainable Management of Wireworms (<i>Agriotes</i> spp.) in Potato Production: Towards a Comprehensive Approach
9:00 O19	Martyn Cox (Blackthorn Arable Ltd, United Kingdom) Implementing IPM for wireworm management in potatoes, recent experience in the U.K
9:20 O20	Annette Schjøll (NIBIO, Norway) Wireworms at the northern margin of potato production in Europe - improved monitoring and pest control in Norway
9:40 O21	Eva Praprotnik (Agricultural Institute of Slovenia, Slovenia)

	Ecobreed: Evaluating wireworm (Coleoptera: Elateridae) control strategies in potato
10:00 O22	Vitore Shala-Mayrhofer (Austrian Chamber of Agriculture, Austria) Distribution and flight activity of wireworms (<i>Agriotes</i> sp.) in Austria
10:20	Coffee break
10:40 O23	Bruno Ngala (inov3PT, France) Varietal susceptibility to wireworms (<i>Agriotes lineatus</i>) in relation to their sugar and glycoalkaloid profiles
11:00 O24	Mati Koppel (Estonian University of Life sciences, Estonia) Assessment of chemical and biological formulations proposed for wireworm management using video tracking analysis
11:20 O25	Lotte Caarls (WUR, The Netherlands) Studying Colorado Potato Beetle resistance in wild <i>Solanum</i> species
11:40 O26	Karin Gorzolka (Julius Kuehn Institute, Germany) Species- and tissue-specific occurrence of a multiple resistance-promoting metabolite and its structural derivatives in <i>Solanum tuberosum</i> and in wild potato species
12:00	POSTER presentation: P27/P28
12:05	Lunch
13h15-16:40	Session 7- Biocontrol Chair Mout De Vrieze (University of Fribourg, Switzerland) and Mounia Khelifa (inov3pt, France)
13:15 K5	Mout De Vrieze (University of Fribourg, Switzerland) Challenging plants to find effective biocontrol agents: investigating late blight induced shifts in the potato microbiome
13:45 O27	Isaac Kwesi Abuley (Aarhus University, Denmark) Management of late blight and early blight in potatoes by integration of biological control agents, host resistance, and fungicides
14:05 O28	Fanny Germanier (University of Fribourg, Switzerland) Combining antagonistic bacteria with copper to control late blight disease in potato plants
14:25 O29	Valentin Penaud (UniLaSalle, France) Effect of a biocontrol product <i>in vitro</i> and <i>in planta</i> against <i>Phytophthora infestans</i> in tomato
14:45	POSTER presentation: P29/P30/P31/P32/P33/P34
14:55	Coffee break
15:20	Poster session 6 & 7 (8 posters)
15:45 O30	Isabelle Trillas-Gay (Universitat de Barcelona, Spain) New Challenges for Biological Active Substances. T34 Biocontrol® an EU authorized plant protection product soon against <i>Rhizoctonia</i> for potato in Central zone
16:05 O31	Euphrasie Lépinay (inov3PT, France) Determination of antagonist activity origin of <i>Pseudomonas</i> PA14H7 against Pectobacteriaceae
16:25 O32	Primož Žigon (Agricultural Institute, Slovenia) Laboratory and field evaluation of bioinsecticides for Colorado potato beetle (<i>Leptinotarsa decemlineata</i> , Coleoptera: Chrysomelidae) control
16:45	Karima Bouchek-Mechiche (inov3PT, France) Conclusion/closing remarks
17:00	END

Thursday, 7 September, 2023

Potato Europe (Kain-Tournai, Belgium)

The bus will leave from Arras to arrive at 10 a.m. in Tournai (opening of the show). Departure from Tournai will be around 4 p.m. The bus will make a stop in Lille for those who will be willing to drop off in Lille for connections (Lille-Flandres and Lille Europe stations, Lille-Lesquin airport) before continuing its return journey to Arras.