Tuesday, 6 June	
15:00-17:00	Registration
17:00-17:30	Opening - Welcome note by conference chairs (Jürgen Köhl & Georgina Elena), WUR (Willem Jan de Kogel) and IOBC-WPRS (Marc Bardin)
17:30-19:05	Session I. Implementation of biological control
	SI.KN. Aflatoxin biocontrol in practice requires a multidisciplinary, long-term approach - Alejandro Ortega-Beltran
	SI.01. Biological control of *Striga hermonthica* in Kenya, first results of a new seed coating technology - Peter Lüth
	SI.02. Development of a plant protection agent based on *Lysobacter enzymogenes* - Ada Linkies
	SI.03. Bacteriophage-based biocontrol of *Erwinia amylovora* - Christine Vos
19:05-20:30	Welcome reception

Wednesday, 7 June	
08:30-10:25	Session II. Innovations in biological control
	SII.KN. Biocontrol industry on the future of biocontrol business and its contribution to crop health in forthcoming cropping systems - Jennifer Lewis
	SII.01. Development of a database on the factors of efficacy of microbial biocontrol agents against plant diseases - Thomas Pressecq*
	SII.02. Transcriptome and metabolome analyses provide insights into the mechanisms underlying wheat responses to *Bacillus velezensis* BE2 and *Zymoseptoria tritici* - Emma Dutilloy*
	SII.03. The potential of cyclolipopeptides from *Bacillus amyloliquefaciens* in the management of postharvest pathogens of pome fruit - Cheryl Lennox
	SII.04. Selection criteria for microbial antagonists for seed coating to protect seedlings from diseases - Jürgen Köhl
10:25-10:55	Coffee break
10:55-12:45	SII.05. Strategies for copper reduction - results from the EU-project RELACS - Annegret Schmitt
	SII.06. 12110 and 12035: two novel candidates as potential biofungicides to control *Plasmopara viticola* - Stefano Nadalini*
	SII.07. Niche partitioning reveals negative correlation of *Sarocladium* with *Fusarium* and Fumonisin-B1 Levels in pre-harvest maize - Bwalya Katati*
	SII.08. *Clonostachys rosea* as new microbial antagonist for biological control of European canker (*Neonectria ditissima*) - Georgina Elena
	SII.09. Comparative genomics highlights drug efflux as a biocontrol trait in *Clonostachys* - Magnus Karlsson
	SII.010. Defence dynamics of *Trichoderma*-induced priming in plants - Enrique Monte
12:45-13:15	Lunch
13:15-14:00	Poster
14:00-15:55	Session III. Microbiome potential in biocontrol
	SIII.KN. New insights into disease prevention and disease reduction by the plant microbiota - Tomislav Cernava
	SIII.01. Unravelling changes in the functional composition of the rhizosphere microbial community of maize plants after inoculation with beneficial microorganisms by using metagenomic analysis - Theresa Kuhl-Nagel
	SIII.02. BIOBESTicide project: Action of *Pythium oligandrum* on grapevine trunk diseases and its impact on microbial communities - Séverine Lopez
	SIII.03. The sugar beet holobiont: linking plant physiology and microbiome assembly - Adrian Wolfgang

	SIII.04. Can we diagnose the suppressive properties of a compost against soil-borne diseases? - Anja Logo*
15:55-16:25	Coffee break
16:25-18:15	SIII.05. The potential for breeding apple varieties with propensity for apple canker resilient microbiome recruitment - Matevz Papp-Rupar
	SIII.06. From amplicons to strains: The limitations of metabarcoding as criterium in the selection process of biocontrol strains against the pome fruit pathogen *Neonectria ditissima* - Lina Russ
	SIII.07. Root-associated microbiomes are influenced by grapevine genotype, disease expression and cultivation practices - Morgane Duret*
	SIII.08. Conserving seed-inhabiting microorganisms can safeguard seed health through the suppression of seedling disease; the case of spinach - Makrina Diakaki* (Joeke Postma)
	SIII.09. How much does a microbial fermentation product protect against *Phakopsora pachyrhizi* and what factors potentially interfere with its efficacy? A meta-analysis - Flávio H. V. de Medeiros
	SIII.010. Effect of *Bacillus subtilis* PTA-271 and *Trichoderma atroviride* SC1 on grapevine defenses and temporal dynamics of fungal and bacterial microbiome in grapevine rhizosphere - Catarina Leal

Thursday, 8 June	
08:30-09:45	Session IV. Biocontrol in future agricultural systems
	SIV.KN. Aquaponics as future urban food production systems: phytopathological challenges and opportunities thanks to aquaponic microbiota characterization and original biocontrol agent isolation - Haïssam Jijakli
	SIV.01. The importance of microbiomes in soilless cultivation - Annelein Meisner
	SIV.02. Evaluation of biocontrol organisms and antibiofilm molecules to control hairy root disease in tomato hydroponic greenhouse cultivation - Ado van Assche
09:45-10:05	Coffee break
10:05-12:00	SIV.KN. The potential of circular European food system - Hannah van Zanten
	SIV.03. Impact of temperature on protective efficacy of microbial biocontrol agents against *Sclerotinia sclerotiorum* - Margot Grimonpont*
	SIV.04. Variable effects of biocontrol bacteria on potato resistance against blackleg caused by soft rot Pectobacteriaceae in the field - Viola Kurm
	SIV.05. Endophytic *Verticillium isaacii* strains as potential biological control agents against *Verticillium* wilt pathogens - Shirley Marcou*
	SIV.06. Biological control of Fusarium head blight in wheat with *Clonostachys rosea* on maize residues – steps towards implementation into agricultural practice - Susanne Vogelgsang
12:00-19:00	Excursion - lunch in the bus, visit to the fields, dialogue session, networking & drinks / snacks

Friday, 9 June	
08:30-10:25	Session V. Risk assesment and new regulations
	SV.KN. Regulation of microbial active substances and plant protection products - Anne Steenbergh
	SV.01. How to foster the use of pesticides with a lower environmental impact in support of the Green Deal ambitions - Gertie Arts
	SV.02. New data requirements for the approval of microorganisms in Plant Protection in the EU – Challenges, opportunities and first experience - Rüdiger Hauschild
	SV.03. Biopesticide regulatory frameworks – a global overview - Milena Stephan
	SV.04. RATION – Risk AssessmenT InnOvatioN for low-risk pesticides - João Godinho*
10:25-10:55	Coffee break
10:55-12:25	Session VI. Integrated use of biocontrol in disease management
	SVI.KN. How has Brazil turned into the largest producer and consumer of biocontrol products? - Wagner Bettiol
	SVI.01. Comparative evaluation of two plant defense elicitors for the control of black rot and Botrytis bunch rot diseases on grapevine - Robin Raveau
	SVI.02. Efficacy of hot water treatment and *Trichoderma* application to control grapevine trunk disease during the propagation of cuttings - Dorottya Simon*
	SVI.03. Totally stressed – a way out? Barley between powdery mildew, drought stress and natural products: Insights into the project MORGEN - Susanne Hamburger*
12:25-12:55	Lunch
12:55-13:40	Poster
13:40-15:15	SVI.04. Bio-nanocomposite edible coatings combined with biocontrol agents: A potential strategy for fresh fruit preservation - Marcela Miranda
	SVI.05. Selectivity of chemical and biological foliar treatments on the phylloplane communities of bacteria and fungi antagonistic to *Fusarium verticillioides* in maize - Rafaela Araújo Guimarães
	SVI.06. Characterization of the fungal genus *Sphaerellopsis*, a potential microbial biocontrol agent of rust fungi - Paula Andrea Gómez Zapata
	SVI.07. *Bacillus* and *Trichoderma* commercial formulations in the integrated management of leaf spot diseases in soybean - Jessica Brasau da Silva

	SVI.08. Efficacy of antagonistic yeasts in reducing grey mould on grape and effect on the fruit microbiome - Giulia Remolif*
15:15-15:45	Coffee break
15:45-17:00	SVI.09. The application of *Trichoderma* to manage grapevine trunk diseases in South Africa: from roots to pruning wounds - Lizel Mostert
	SVI.010. The biocontrol agent *Lactiplantibacillus plantarum* AMBP214 is dispersible to plants via bumblebees - Marie Legein
	SVI.011. Bacterial blight of *Pelargonium* can be controlled with beneficial microorganisms under greenhouse conditions - Marta Stremińska
	SVI.012. Efficacy of postharvest application of *Aureobasidium pullulans* in the control of white haze on apples and effect on the fruit mycobiome - Davide Spadaro
17:00-18:00	Closure - awards, election new convenor, next meeting, IOBC-WG

19:00-22:30	Conference dinner

Posters

SII.P1 Chitosan metabolism: A way to modulate biocontrol agent pathogenicity and endophytism

Federico Lopez-Moya

SII.P2 How to avoid the dilemma of triazoles in the development of bio-based fungicides?

Riina Muilu-Mäkelä

SII.P3 Revising *Clonostachys* and allied genera in Bionectriaceae

Lin Zhao*

SII.P4 A biocontrol formulation increases defense enzyme activities and promotes growth in vine seedlings and in shoots from vine canes of cvs Cabernet Sauvignon and Chardonnay

Jaime. R. Montealegre

SII.P5 Biocontrol of a pathogenic fungus, *Fomitiporia mediterranea*, of Esca, a devastative grapevine trunk disease, with bacteria isolated from *Vitis vinifera*

Ouiza Mesguida*

SII.P6 Application of biological agents for biocontrol of black scurf (*Rhizoctonia solani*) in potato (*Solanum tuberosum* L.) for better biological and durable agriculture

Djazia Melbous*

SII.P7 Identifying local *Trichoderma* strains for biocontrol of coffee diseases in Bolivia

Marisel Mamani Mamani*

SII.P8 Co-inoculation of two plant associated bacteria can enhance the biocontrol activity against downy mildew and gray mold diseases in grapevine (*Vitis vinifera* L.)

Qassim Esmaeel

SII.P9 A Spanish collection of durum wheat endophytes with potential as biological control agents against the fungal wheat pathogen *Zymoseptoria tritici*

Agustina De Francesco

SII.P10 Breeding and insuring efficiency in fungal and bacterial biocontrol strains

Anne van Diepeningen

SII.P11 Screening of biocontrol solutions against black-rot (*Guignardia bidwellii*), among registered anti-mildews biofungicides to design black rot control strategies for conventional and organic viticulture and the deployment of resistant varieties

Marie Cecile Dufour

SII.P12 Terpene treatment causes metabolic changes in grapevine leaves against *Plasmopara viticola*

Sara Avesani*

SIII.P1 Deciphering the impact of beneficial microbial application on plant microbiome and metabolome

Marie Duhamel

SIII.P2 Potential of organic soil amendments to control soil borne pathogens

Joeke Postma

SIII.P3 Apple endophyte community dynamics across seasons, sites and cultivars, and its potential role in susceptibility to European apple canker (*Neonectria ditissima*)

Matevz Papp-Rupar

SVI.P1 Different susceptibility of two grapevine cultivars colonized by the biocontrol oomycete, *Pythium oligandrum*, against two major *Vitis vinifera* pathogens

Rana Haidar

SIII.P4 Building beneficial microbial consortia to boost host performance and health

Annelein Meisner

SIII.P5 Insights into the microbiome of the phyllosphere, endosphere, and rhizosphere of tomato plants and their effect on plant health

Philemon Orwa

SIII.P6 Greenhouse study of growth-promoting bacteria to improve drought tolerance in quinoa

Virginia Gonzales*

SIII.P7 Microbiome characterization between mountain and valley apples in Catalonia for two varieties (Golden Reinders and Mandy)

Ana María Sánchez*

SIII.P8 Impact of soil and potato genotypes on the diversity of microbial endophytic communities

Jyotsna Nepal*

SIII.P9 One or millions: how much a microbiologically buffered soil withstands chemical and biological pesticides

Rafael Coelho Silva*

SIV.P1 Biocontrol of *Phytophthora cryptogea* in hydroponic lettuce and chicory cultivation

Kilian Van Loocke*

SVI.P2 Combined effects of alternative casing materials and biostimulants on *Agaricus bisporus* yield and disease incidence

Florien A. Gorter

SVI.P3 Optimal concentration of active ingredient in a bioformulation for the control of *Diplodia seriata* in two grapevine (*Vitis vinifera*) cultivars

Jaime R. Montealegre

SVI.P4 Fungicide sensitivity of *Trichoderma atroviride* and the application of the biocontrol fungus to protect grapevine sucker wounds

Lizel Mostert

SVI.P5 Sustainable strategy to control *Monilinia* spp. on stone fruit based on a warning system supported by biocontrol products

Carla Casals

SVI.P6 Flashes of UV-C light, a newcomer among plant resistance inducers and stimulants of plant tolerance against abiotic stress, with unique features

Laurent Urban

SVI.P7 A multimethod approach improves the description of the entomopathogenic nematode distribution in corn fields

Elisabeth Depuydt*

SVI.P8 Characterization of maize plants response to entomopathogenic nematodes

Arletys Verdecia Mogena*