PROGRAM MONDAY 11/9/2017		
16.00 - 18.00	Registration	
18.00 - 20.00	Get-together evening (beer tasting @ Aula of Ghent University - Volderstraat 9, Ghent)	

PROGRAM TUESDAY 12/9/2017				
8.00 - 9.00	Registration & Coffee			
	PLENARY SESSION: Global Impact of Mycotoxins Chairs: S. De Saeger & A. Logrieco			
9.00 - 9.20	Welcome & Introduction to the MycoKey project s. De Saeger (symposium chair, Ghent University, Belgium) and A. Logrieco (coordinator MycoKey, ISPA-CNR, Italy)			
9.20 - 9.40	Mycokey - a new start of EU-China cooperation on mycotoxin management J. Feng (IPP-CAAS, Beijing, China)			
9.40 - 10.00	An integrated toolbox for mycotoxins management for safer food and feed: the Mytoolbox approach R. Krska (coordinator Mytoolbox, IFA Tulln BOKU, Austria)			
10.00 - 10.45	Coffee break - pos	ter presentation - sponsor exhibition		
10.45 - 11.15	KEYNOTE: Climate change, fungal pathogens, and global food security D. Bebber (University of Exeter, UK)			
11.15 - 11.45	KEYNOTE: Climate change and globalisation: a challenge for EU policy on mycotoxins in feed and food ϵ :	. Verstraete (EU DG SANCO, Belgium)		
11.45 - 12.15	Technical session 1: R-Biopharm			
12.15 - 14.00	Lunch break - post	ter presentation - sponsor exhibition		
	Session 1: Biodiversity & Toxigenic Fungi Monitoring	Session 2: Mycotoxin Analytical Challenges		
	Chairs: A. Moretti & J. Cary	Chairs: Y-C Liao & G. De Middeleer		
14.00 - 14.20	INVITED: Distribution of mycotoxin biosynthetic genes in 200 <i>Fusarium</i> genomes	INVITED: Recent developments in rapid multi- mycotoxin detection		
1/22 1//2	R. Proctor (USDA-ARS, Peoria)	P. Li (OCRI-CAAS, Wuhan, China) represented by Qi Zhang		
14.20 - 14.40	Insight into genome variability in the <i>Fusarium incarnatum-equiseti</i> complex through comparative	Novel immunoassay format for rapid screening of mycotoxins – HT-2 toxin detection as an example		
1/ /0 15 00	analysis of secondary metabolic biosynthetic gene clusters A. Villani (CNR, Italy)	T. Nevanen (VTT, Finland)		
14.40 - 15.00	The life cycle of <i>Fusarium</i> in different crop rotation systems in China	Real-time electrochemical profiling assay method for detection of aflatoxin B1 in dried figs		
15.00 15.75	H. Zhang (IPP-CAAS, Beijing, China)	H. Ozer (Tubitak, Turkey)		
15.00 - 15.45	Coffee break - poster presentation - sponsor exhibition			
15.45 - 16.05	Genome-wide association of <i>Fusarium</i> head blight resistance to mycotoxin accumulation and to	Biotechnological synthesis of deoxynivalenol-3-glucoside and its fully labeled ¹³ C analogue with heterologously expressed enzymes and their analytical application in a stable isotope dilution assay L. Kuster (Romer Labs, Austria)		
16.05 - 16.25	spread in wheat X. Zhang (IFC-JAAS, China) Contribution of mitochondria and peroxisomes on the mycotoxin biosynthesis and fungal virulence	LC-MS based multi-mycotoxin methods – are they applicable to complex feed matrices?		
10.03 - 10.23	via distinct regulatory pathways in <i>Fusarium graminearum</i> Y. Chen (Zhejiang University, China)	M. Sulyok (IFA-BOKU, Austria)		
16.25 - 16.45	Specialized metabolite clusters in <i>Fusarium</i>	Liquid chromatography – high resolution mass spectrometry screening of <i>Fusarium</i> toxins in wheat: evaluation of		
10.25 10.45	C. Waalwijk (Wageningen Plant Research, The Netherlands)	analytical performances through in-house validation and small-scale collaborative study B. Ciasca (ISPA-CNR, Italy)		
16.45 - 17.05	Diving into Guinean Gulf Aspergillus section flavi diversity/description of a new aflatoxin producing	Secondary metabolite profiling of food-borne <i>Alternaria</i>		
10.45 17.05	species A. Carvajal-Campos (University of Toulouse, France)	A. Patriarca (University of Buenos Aires, Argentina)		
17.05 - 17.25	Investigating the <i>Alternaria</i> disease progression, species composition and genetic diversity on	Ochratoxin A in rye – a challenge for industry and analytics		
	potato in Belgium M. Vandecasteele (Ghent University, Belgium)	M. Reichel (Eurofins, Germany)		
17.25 - 17.40	Photoshoot Conference Picture			
17.40 - 18.30	Wine and cheese (offered by Romerlabs / Biomin)			
18.30 - 20.00		NH Hotel + dinner in Ghent city) - Free evening for other participants		

Session 3: Prevention P. Battliand [University of the reduction of the management Validated LC-HS/MS multi-methods to detect 25 mycotoxins and <i>in vivo</i> phase I metabolites in biological fluids of pigs and broider chickens and application to screening studies for mycotoxin exposure M. Leawers (Ghent University, Beglum; Innovad, Beglum; M. Leawers (Ghent University, Beglum; Innovad, Beglum; M. Leawers (Ghent University, Beglum; M	PROGRAM WEDNESDAY 13/9/2017			
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	11.40 - 12.00	Antifungal acitivy of the allyl isothiocyanate against <i>Aspergillus</i>	Research on the glucuronidation and renal excretion of deoxynivalenol	Synergic potential of pre-milling and milling strategies to minimize
G. Meca (University of Valencia. Spain) A. Vidal (Ghent University. Belgium) M. Suman (Baril		flavus and Penicillium nordicum in corn, wheat and barley	in humans	mycotoxins and increase fiber content of wheat-based products
Times formand at transmission and a transmission an		G. Meca (University of Valencia, Spain)	A. Vidal (Ghent University, Belgium)	M. Suman (Barilla, Italy)
12.00 - 12.20 Effectiveness of agrochemicals in reducing <i>Fusarium verticilloides</i> Post-harvest interventions decrease infants' dietary exposure to Occurrence of potentially toxigenic heat resistant moulds in	12.00 - 12.20	Effectiveness of agrochemicals in reducing Fusarium verticilloides	Post-harvest interventions decrease infants' dietary exposure to	Occurrence of potentially toxigenic heat resistant moulds in
(sacc) nirenberg infection and contamination of fumonisins in aflatoxins and fumonisins in Tanzania: a cluster-randomized controlled pasteurized high acid fruit products		(sacc.) nirenberg infection and contamination of fumonisins in	aflatoxins and fumonisins in Tanzania: a cluster-randomized controlled	pasteurized high acid fruit products
maize of low land agro-ecosystems in Tanzania trial		maize of low land agro-ecosystems in Tanzania	trial	
R. Madege (Sokoine University of Agriculture, Tanzania) A. Kamala (Ghent University ; Directorate of Food Safety, Tanzania) J. Santos (Ghent University, Belgium ; University of Campinas		R. Madege (Sokoine University of Agriculture, Tanzania)	A. Kamala (Ghent University ; Directorate of Food Safety, Tanzania)	J. Santos (Ghent University, Belgium ; University of Campinas, Brazil)
12.20 - 13.45 Lunch break - poster presentation - sponsor exhibition	12.20 - 13.45			

	Session 3: Prevention	Session 8: Remediation & Intervention	Session 9: Modelling & ICT Solutions
47.77	Chairs: G. Haesaert & N. Magan	Chairs: S. Croubels & S. Chulze	Chairs: P. Battilani & T. van der Lee
13.45 - 14.05	Bacillus subtilis as a biocontrol organism towards Penicillium	Mycotoxin bioremediation via laccase mediator systems	Trend analysis and modeling for risk based monitoring of mycotoxins in
	roqueforti s.l. in silage: in vitro and in vivo evaluation		feed ingredients
	E. Wambacq (Ghent University, Belgium)	M. Loi (ISPA-CNR, Italy)	HJ van der Fels-Klerx (RIKILT, The Netherlands)
14.05 - 14.25	Succinate dehydrogenase inhibitor fungicides effectiveness	Application of mycotoxin-detoxifying enzymes in the bioethanol process	Three modelling approaches to predict deoxynivalenol contamination
	against <i>Aspergillus flavus</i> and <i>Fusarium</i> species		levels in winter wheat in the Netherlands
	A. Moretti (ISPA-CNR, Italy)	D. Kotz (BIOMIN, Austria)	C. Liu (RIKILT, The Netherlands)
14.25 - 14.45	Control of pre-harvest aflatoxin contamination in corn using RNA	Microbial detoxification of DON, assessed via a Lemnar Minor L. bioassay	Associations between <i>Fusarium</i> mycotoxin accumulation in oats and
	interference-mediated approaches	through biotransormation to 3-epi-DON and 3-epi-DOM	weather conditions
	J. Cary (USDA-ARS, USA)	I. Vanhoutte (Ghent University, Belgium)	A-G Roer Hjelkrem (NIBIO, Norway)
14.45 - 15.05	Cropping systems to decrease the risk of mycotoxins in wheat	Mechanistic insight into the biosynthesis and detoxification of	DON-maize: a prototype mechanistic model to predict deoxynivalenol
		fumonisins	and zearalenone contamination in maize
	D. Drakopoulos (Agroscope, Switzerland)	M. Sumarah (Agriculture and Agrifood, Canada)	M. Leggieri (Universita Cattolica del Sacro Cuore, Italy)
15.05 - 15.25	Mycotoxin contamination in maize silages in relation to agronomic	Toxigenic mould respiration in stored cereals: the use of CO₂ production	Improved modelling of <i>Fusarium</i> to aid mycotoxin prediction in UK
	practices in Flemish maize parcels	interacting environmental conditions on dry matter loss and mycotoxin	wheat
		contamination as tools for post-harvest decision support systems	
	J. Vandicke (Ghent University, Belgium)	E. Garcia-Cela (Cranfield University, UK)	S. Edwards (Harper Adams University, UK)
15.25 - 15.45			High-throughput ecophysiology and modelling approaches for
			Aspergillus flavus using turbidimetric readings
			A. Medina (Cranfield University, UK)
15.45 - 16.15			
	PLENARY SESSION		
	Chairs: S. De Saeger & A. Logrieco		
16.15 - 16.45	Spotlight MycoKey Presentation 'The MycoKey app' T. van der Lee (Wageningen Plant Research, The Netherlands)		
16.45 - 17.05	Technical session 2: Nutriad & Romerlabs / Biomin		
17.05 - 18.05	ISM General Assembly		
19.00 - 24.00	Congress dinner (Handelsbeurs, Kouter 29, Ghent)		

PROGRAM THURSDAY 14/9/2017		
8.30 - 9.00	Registration & Coffee	
	Session 10: Developing countries	
	Chairs: P. Njobeh & F. Stepman	
9.00 - 9.30	KEYNOTE: The socio-economic impact of mycotoxin contamination in Africa P. Njobeh (University of Johannesburg, South-Africa)	
9.30 - 9.50	Multi-mycotoxin contamination in fermented locust beans (<i>Parkia Biglobosa</i>) and the perception of mycotoxin contamination in Nigerian and South African markets	
	I. Adekoya (University of Johannesburg, South-Africa)	
9.50 - 10.10	Risk assessment of mycotoxins associated with consumption of stored maize grains by infants and children in Nigeria	
	A. Olusegun (DBS, Nigeria)	
10.10 - 10.30	Agronomic practices and mycotoxin contamination in maize: a case study of subsistence farming households in Manicaland and Mashonaland West provinces of Zimbabwe	
	M. Ndemera (Ghent University; University of Zimbabwe, Zimbabwe)	
10.30 - 10.50	Current trends in sample size in mycotoxin analysis in grains: are we measuring accurately?	
	L Matumba (Luanar, Malawi)	
10.50 - 11.20	Coffee break - poster presentation - sponsor exhibition	
	PLENARY SESSION	
	Chairs: S. De Saeger & A. Logrieco	
11.20 - 12.20	CLOSING SESSION: Going beyond contamination, regulation and mitigation F. Stepman (PAEPARD, Africa-Europe)	
12.20 - 12.30	Closing remarks A Logrieco (coordinator MycoKey, ISPA-CNR, Italy)	
12.30 - 14.00	Lunch - to take away	