

Program

Modern Breeding Techniques for Maize Improvement

Monday June 22nd – Friday July 10th 2020

Venue:

IPBO, Technologiepark 122, 9052 Gent-Zwijnaarde

Sunday June 21 st , 2020	
Arrival of the participants	

Monday June 22 nd , 2020		Venue: AA Tower – First floor
10:30 – 12:00	Formalities	
12:00 – 13:30	Lunch	
13:30 – 14:00	Administrative opening of the training course Overview of the course objectives + Introduction to the action plan group work that has to be prepared and presented on the last day of this course	
14:00 – 17:00	Individual presentation by each of the participants (5 min/participant) What is their background, why do they follow the course; what do they expect from the course, etc...	
17:00 - ...	Official opening of the course	

Tuesday June 23 rd , 2020		Venue: AA Tower – First floor
09:00 – 10:30	Basic concepts and nomenclature in maize breeding (part I)	TBA
10:30 – 11:00	Coffee break	
11:00 – 13:00	Basic concepts and nomenclature in maize breeding (part I)	TBA
13:00 – 14:00	Lunch	
14:00 – 15:30	Molecular markers for breeding	TBA
15:30 – 16:00	Coffee break	
16:00 – 17:30	Molecular markers for breeding (part II)	TBA

Wednesday June 24 th , 2020		Venue: AA Tower – First floor
09:00 – 10:30	Molecular markers for breeding (part III)	TBA
10:30 – 11:00	Coffee break	
11:00 – 13:00	Molecular markers for breeding (part IV)	TBA
13:00 – 14:00	Lunch	
14:00 – 15:30	Molecular markers for breeding (part V)	TBA

15:30 – 16:00	Coffee break	
16:00 – 17:30	Molecular markers for breeding (part VI)	TBA

Thursday June 25th, 2020		Venue: AA Tower – First floor
09:00 – 10:30	Comparison of maize hybrids	TBA
10:30 – 11:00	Coffee break	
11:00 – 12:30	Basic concepts in plant biotechnology	TBA
12:30 - 13:30	lunch	
13:30 – 15:00	Genetic transformation of maize	TBA
15:00-15:30	Coffee break	
15:30 – 17:30	New breeding techniques	TBA

Friday June 26th, 2020		Venue: AA Tower – First floor
09:00 – 10:30	Maize: overview of biotic and abiotic stresses and possible solutions Fusarium	TBA
10:30 – 11:00	Coffee break	
11:00 – 13:00	Diseases and pests	TBA
13:00 – 14:00	Lunch	
14:00 – 15:30	Insects – Bt maize	TBA
15:30 – 16:00	Coffee break	
16:00 – 17:30	Group discussion, preparation of the individual action plan	TBA

Monday June 29th, 2020		Venue: AA Tower – First floor
09:00 – 17:30	Maize: overview of biotic and abiotic stresses and possible solutions	TBA
09:00 – 10:30	Drought	
10:30 – 11:00	Coffee Break	
11:00 – 13:00	Striga	TBA
13:00 – 14:00	Lunch	
14:00 – 15:30	Soil Fertility	TBA
15:30 – 16:00	Coffee break	
16:00-17:00	Biological products for agriculture in Africa TBD	TBA

Tuesday June 30th, 2020		Excursion
09:00 – 09:30	Introduction: GMO Field trial	TBA
09:30 – 10:00	Bus trip to GMO field trial	
10:00 – 12:00	Visit GMO field trial	TBA
12:00 – 14:00	Lunch	
14:00 – 18:00	Visit ILVO field trials	TBA

Wednesday July 1st, 2020		FSVM building
09:00 – 17:00	Maize phenotyping Lecture + Practical exercises	TBA

Thursday July 2nd, 2020		
09:00 – 17:00	Symposium: Novel breeding techniques for the development of a sustainable agriculture	

Friday July 3th, 2020			Venue: AA Tower
09:00 – 12:00	Design and analysis of field experiments (part I)		TBA
12:00 – 13:00	Lunch		
13:00 – 17:00	Design and analysis of field experiments (part II)		TBA

Monday July 6th, 2020			Venue: AA Tower
09:30 – 11:00	Global regulatory developments of GMOs		TBA
11:00 – 11:30	Coffee break		
11:30 – 13:00	GMOs in Africa		TBA
13:00 – 14:00	Lunch		
14:00 – 15:30	General principles and aspects of GM crop safety assessment		TBA
15:30 – 16:00	Coffee break		
16:00 – 18:00	Problem formulation		TBA

Tuesday July 7th, 2020			Venue: AA Tower – First Floor
09:00 – 10:30	Study design and data collection (part I)		TBA
10:30 – 11:00	Coffee break		
11:00 – 13:00	Study design and data collection (part II)		TBA
13:00 – 14:00	Lunch		
14:00 – 15:30	Decision and Management (part I)		TBA
15:30 – 16:00	Coffee break		
16:00 – 17:30	Decision and Management (part II)		TBA

Wednesday July 8th, 2020			Venue: AA Tower – First Floor
09:00 – 10:30	GMO perception in Europe and worldwide		TBA
10:30 – 11:00	Coffee break		
11:00 – 12:30	Technology adoption: intuition and/or rationale thinking		TBA
12:45 – 13:30	Lunch		
13:30 – 15:00	Ethical considerations coming with the use of modern biotechnology tools for variety creation		TBA
15:30 – 16:00	Coffee break		
16:00 – 17:30	Group discussion 2 Q/A on action plan		TBA

Thursday July 9th, 2020			Venue: AA Tower – First Floor
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09:00 – 10:30	Spreading the science - how your research can have an impact on society	TBA
10:30 – 11:00	Coffee break	
11:00 – 12:30	How can we communicate sustainability, social issues and environmental risks? Insight in behavioral models and communication strategies to incite sustainable agriculture.	TBA
12:30 – 13:30	Lunch	
13:30– 15:00	A hierarchy of influences approach to news selection, sourcing and framing – and the importance of good press contacts	TBA
15:00– 15:30	Coffee break	
15:30– 17:00	The media discourse on new technologies / plant biotechnology	TBA
19:00	Closing dinner	

Friday July 10th, 2020		Venue: AA Tower – First Floor
09:00 – 10:30	Presentation of the group action plan (part I)	TBA
10:30 – 11:00	Coffee break	
11:00 – 13:00	Presentation of the group action plan (part II)	TBA
13:00 – 14:00	Lunch	
14:00 – 15:30	Evaluation of the participants	
15:30 – 16:00	Evaluation of the course by the participants	
16:00	Closing the course	