



IWGO Digital Meeting

5 & 6 May 2021

Scientific Programme

Thursday, 5 May 2022

Swiss Time	Presenter	Title of Presentation
13:00	IWGO Convenors	Welcome
13:10	Qiulin WU	Migration routes of the invasive fall armyworm <i>Spodoptera frugiperda</i> in China
13:30	Yongzhi ZHONG	Pheromone binding protein identification for sex pheromone of fall armyworm
13:50	Zhenying WANG	Monitoring and Management of Fall armyworm, <i>Spodoptera frugiperda</i> , in China
14:10	Tao JIN	Biocontrol potential of <i>Trichogramma</i> species against <i>Spodoptera frugiperda</i> and their field efficacy in maize
14:30	Marc KENIS	Classical biological control of fall armyworm: Should we choose the most efficient parasitoid or the safest?
14:50	Stefan TOEPFER	Steps to develop an effective nematode-based biological control solution for the fall armyworm
15:10	Break	
15:25	Lakpo Koku Agboyi	Perspectives for sustainable management of fall armyworm in Africa
15:45	Kyeong-Yeoll LEE	Invasion of <i>Spodoptera frugiperda</i> into Korea and identification of entomopathogenic fungus <i>Metarhizium rileyi</i> as a potential biological control agent
16:05	Bruce TABASHNIK	Managing fall armyworm in Africa: Can Bt maize sustainably improve control?
16:25	Juan-Luis JURAT-FUENTES	DNA-based screening and mechanisms of resistance to Bt corn in fall armyworm and corn earworm
16:45	IWGO Convenors	Wrap-up Day 1
16:55	IWGO Convenors	End Day 1

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13:00	IWGO Convenors	Welcome
13:05	Yueqin WANG	Inheritance and fitness costs of Vip3Aa19 resistance in <i>Mythimna separata</i>
13:25	Jingfei GUO	Genotypic variation in field-grown maize eliminates trade-offs between resistance, tolerance and growth in response to high pressure from the Asian corn borer
13:45	Erik DOPMAN	Four genes underlie voltinism and sex pheromone use in the European corn borer moth
14:05	Dominic REISIG	Impact of maize seed mixtures on <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae) phenotype and genotype
14:25	Anna BEREZKI	Integrating automated pest trapping and population dynamics modelling for optimising the timing of cotton bollworm control options
14:45	Dakota BUNN	Contribution of larvae developing on corn and dry beans to the adult population of Western Bean Cutworm in Michigan
15:05	Break	
15:20	Brad S. COATES	The USDA-ARS Ag100Pest Initiative: Developing chromosome-level genome assemblies for corn pest insects
15:40	Dimpal LATA	Genome size evolution in the beetle genus <i>Diabrotica</i>
16:00	Kyle PADDOCK	Western corn rootworm (<i>Diabrotica virgifera virgifera</i> LeConte) resistance to <i>Bacillus thuringiensis</i> is linked to altered bacterial community
16:20	Kyle BEKELJA	Intersections between chemicals and biopesticides: seed coatings may obstruct resistance management plan for GMOs targeting western corn rootworm (<i>Diabrotica virgifera virgifera</i> LeConte)
16:40	IWGO Convenors	Wrap-up Day 2
16:50	Ivan RWOMUSHANA	Nairobi, Kenya to host the 28th International Working Group on <i>Ostrinia</i> and other Maize Pests (IWGO) Conference in 2023
17:00	IWGO Convenors	End Day 2