

## **CA18208 “HARMONY”**

“Novel tools for test evaluation and disease prevalence estimation”

Dates: 12 (Monday) 09:00 – 14 (Wednesday) September 2022 17:00 [local time]

Place: Freie Universität, Faculty of Veterinary Medicine Campus Döppel, Berlin, Germany



### **Meeting Venue – Accommodation recommendations - Reimbursement Scheme Information**

[Click here](#) to view the accompanying document that contains the following information: (I) instructions how to reach the meeting venue (II) accommodation recommendations (III) information on the reimbursement scheme.

### **HARMONY contact**

For further details on the meeting program and the reimbursement scheme please contact Mr. Eleftherios Meletis – Grant Holder Manager ([emeletis@outlook.com](mailto:emeletis@outlook.com), +30 694 908 3943) or Prof. Polychronis Kostoulas – Action Chair ([pkost@uth.gr](mailto:pkost@uth.gr)).

### **Local Organizer contact**

Freie Universität, Inst. Veterinary Epidemiology & Biostatistics, Prof. Marcus Doherr  
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Date	Start time	End time	Speaker	Title	Speaker	Session type	Title
Monday 12 September 2022			ROOM A: Equine Clinic Auditorium (“Hörsaal Pferdeklinik”)		ROOM B: Seminar building (“Veterinarium Progressum”) [hands-on training]		
	9:00	9:15	All	Welcome & Introductions			
	9:15	10:30	All Group Discussion	The future of HARMONY			
	10:30	11:00	Coffee Break				
	11:00	11:30	Core Group Members	A simple introduction to Bayesian analysis			
	11:30	13:00	All Group Discussion	Identifying the gap points between Bayesians and Clinicians			
	13:00	14:00	Lunch Break				
	14:00	14:30	Polychronis Kostoulas	STARD-BLCM: Reporting Guidelines			
	14:30	15:00	Giles Innocent	Identifiability issues			
	15:00	15:30	Sonja Hartnack / Giles Innocent	The importance of priors: Where do our priors come from? How to proceed when priors are needed but are not available from the literature?			
	15:30	16:00	Coffee break				
	16:00	16:30	Giles Innocent	Sample size estimation for BLCM studies	Matthew Denwood / Eleftherios Meletis	Practical session	Introduction to Hui-Walter models [2 test - 2 population setting]
	16:30	17:00	Sonja Hartnack / Polychronis Kostoulas	Summary: Things to consider before performing a BLCM study			

Date	Start time	End time	Speaker	Title	Speaker	Session type	Title
Tuesday 13 September 2022			ROOM A: Equine Clinic Auditorium (“Hörsaal Pferdeklinik”)		ROOM B: Seminar building (“Veterinarium Progressum”) [hands-on training]		
	9:00	10:00	Core Group Meeting				
	10:00	10:30	Coffee break				
	10:30	12:45	WG: 1-5 Workshop Panel Discussion	"The applicability and acceptance of the BLCM methods to the scientific community" / How to promote BLCM methods			
	12:45	14:00	Lunch Break				
	14:00	14:45	Eleftherios Meletis / Sonja Hartnack	BLCMs for diagnostic methods measured on a continuous scale (Simple case)	Matthew Denwood / Giles Innocent	Didactic Teaching	Multi-population Hui-Walter models (how and why to select different populations) (constant Se/Sp over multiple populations, excluding populations to ensure robustness)
	14:45	15:30				Practical session	
	15:30	16:00	Coffee break		Coffee break		
	16:00	16:30	Eleftherios Meletis / Sonja Hartnack	BLCMs for diagnostic methods measured on a continuous scale (Advanced case)	Matthew Denwood / Giles Innocent	Didactic Teaching	Multi-test, multi-population models (correlation between tests)
	16:30	17:00					
	Networking Dinner [Campus site*; catering, self-service drinks and a barbecue]						

\*same location where the meeting takes place

\*\*\*A cash or Paypal contribution (in EUR, against receipt) to cover expenses for warm lunch meals (optional, in the cantina) and the networking dinner might be requested on site\*\*\*

Date	Start time	End time	Speaker	Title	Speaker	Session Type	Title
Wednesday 14 September 2022			ROOM A: Equine Clinic Auditorium (“Hörsaal Pferdeklinik”)		ROOM B: Seminar building (“Veterinarium Progressum”) [hands-on training]		
	9:00	10:30	Management Committee Meeting				
	10:30	11:00	Coffee break				
	11:00	12:00	Paolo Eusebi / Sonja Hartnack	Clinical studies and Bayesian analysis			
	12:00	13:00	Lunch Break				
	13:00	13:30	Felix Fischer / Dario Zocholl	Prevalence estimation on depression data with BLCMs	Aurelien Madouasse / Eleftherios Meletis	Didactic Teaching	Methods on substantiating disease freedom (Scenario tree method)
	13:30	14:00	Felix Fischer / Dario Zocholl	Prevalence estimation on depression data with BLCMs	Aurelien Madouasse / Eleftherios Meletis	Didactic Teaching	Methods on substantiating disease freedom (Bayesian hierarchical true prevalence estimation)
	14:00	14:30	Felix Fischer / Dario Zocholl	Prevalence estimation on depression data with BLCMs	Aurelien Madouasse / Eleftherios Meletis	Practical session	
	14:30	15:00	Coffee break		Coffee break		
	15:00	15:30	Felix Fischer / Dario Zocholl	Prevalence estimation on depression data with BLCMs	Aurelien Madouasse / Eleftherios Meletis	Didactic Teaching	Methods on substantiating disease freedom (STOC free model)
	15:30	16:00	Felix Fischer / Dario Zocholl	Prevalence estimation on depression data with BLCMs	Aurelien Madouasse / Eleftherios Meletis	Practical session	
	16:00	16:30	Event Closure				