



ULB Solbosch Brussels

28-29/04/2017

# Human body in motion

International congress

Scientific committee:

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Reychler Gregory, Deboeck Gael  
Van Sint Jan Serge, Zaoui Caroline

FROM LAB TO PRACTICE  
How to close the gap  
between research  
and patients?

Registration Fee:

Anticipative payment:

BE34 5230 8078 3190

Professionals: 120 €

Axxon members: 80 €

Students / Patients: 60 €

Please write your name + firstname  
+ hbim2017 in communication

Payment at congress desk:

Professionals: 140 €

Students / Patients: 70 €

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Accreditation Pro-Q-Kine

# CONGRESS PROGRAM

Day 1 – 28/04/2017

PLENARY SESSION INTRODUCTION		
Hour	Author	Subject
9:00	B. Bonnechère ULB BE	Introduction ASBL «Human Body in Motion»
9:10	S. Goldman ULB/Erasmus BE	Introduction
9:40 to 11:00	First part of laboratory presentation Research, application and know-how Neurorehabilitation, Motion rehabilitation, Cognition. LOUVAIN BIONICS - MOBILAB - LNMB REVAL RESEARCH CENTER	
11:00	Coffee break + Laboratory meeting + posters sessions During this time it's possible for the auditor to meet the researcher of the laboratory In the special place dedicated for this	
PLENARY SESSION COGNITION		
11:30	C. Sauvage ULB BE	Motor Imagery : fMRI analysis and clinical applications in neurorehabilitation
11:50	E. Misirlisoy ICN London UK	Cognitive training in the real world: Research and application with mobile apps
12:10	V. Andrianopoulos Germany	Cognitive impairment, a multifactorial problem screaming for attention, and the role of respiration in cognitive function
12:30	30min: questions	
13:10 to 14:00	Lunch	

14:00 to 15:20	Second part of laboratory presentation Research, application and know-how Physiology, Sport, Human Motion Analysis LAMH - BRUBOTICS - LABO ULB - EOPL	
15:20	Coffee break + Laboratory meeting + posters sessions During this time it's possible for the auditor to meet the researcher of the laboratory In the special place dedicated for this	
PLENARY SESSION PHYSIOLOGY in EXTREM CONDITION		
15:50	M. Tipton Portsmouth UK	From extreme environmental physiology to critical care
16:05	L. Muralt USZ Switzerland	Postural control at high altitude in patients with COPD and in healthy persons.
16:20	F. Feletti Italy	Research in Extreme Sports Medicine Research in Extreme Sports Medicine
16:35	30min: questions	
PLENARY SESSION Social Impact		
17:05	V. Gourinat UDS FR	Prosthetics, between fantasy and reality : How collective iconography and discourses can impact on patient's expectations and rehabilitation process

Day 2 – 29/04/2017

Workshop / Demonstration: 9:00 to 12:00 INNOVATION and KNOW-HOW		
Session 1		
9:00	Feasymotion ULB - VUB	Motion
9:20	Hibbot	Walking aid for children
9:40	Peak London UK	Cognitive Training

Session 2		
10:00	Human Waves ULB	Mouvement / cognition
10:20	LAMH ULG	Motion analyse / accelerometer
10:40	NOHO ULB	Lymphatic drainage
Session 3		
11:00	Mobilab	An intelligent knee brace to monitor knee angles of users during physical activities, such as sports or rehabilitation exercises
11:20	HB2 FR	Hypoxic Tent / Altitude Tent
11:40	Mobilab	Producing prosthetic and orthotic devices with the additive manufacturing techniques: tips and tricks
12:00 to 13:00 Lunch		
PLENARY SESSION Biomimicry and Bio-Inspiration		
Hour	Author	Subject
13:00	P-E. Fayemi AIM France	Bio-inspiration in motion
13:20	R. Ronsse UCL BE	Bio-inspired design of lower-limb prostheses
13:40	C. Zaoui Biomimicry BE	Sustainable development and motion therapy
14:00	F. Bertile IPHC /CNRS FR	The physiology of « exotic species »: When bio-inspiration helps to better understand human metabolic diseases.
Session 4		
14:30	Arturo ULB	Pain management
14:50	Axinesis UCL	Neuro rehabilitation
15:10	Move Up	Orthopedic Rehabilitation
15:30	Conclusion	

