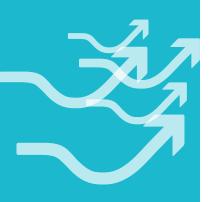


ARIHHP SCIENCE WEEK 2017

















ARIHHP Human High Performance International Forum 2017

"Sport Science for Olympic and Paralympic Games"

7th of March, 2017 09:30-17:40 216 Room at 5C Bldg.



Keynote Lecture |

Ricardo J. Fernandes Ph.D.

University of Porto, Portugal, "VO2 and lactate behavior at low, moderate and intense exercise"



Keynote Lecture II

Loughborough
University Vicky Tolfrey Ph.D.

Loughborough University, United Kingdom, "Exercise performance in the heat

- challenges and solutions for Paralympic athletes with a spinal cord injury"



T:	Consolium O Titles	cı :
Time 09:30-09:40	Speakers & Titles Opening Remark (Prof. Hideaki Soya, Project Leader)	Chair Naoto Fujii
09.30-09.40		Naoto rujii
09:40-10:40	Keynote Lecture-1 Ricardo J. Fernandes Ph.D., Faculty of Sport, University of Porto, Portugal,	Hideki Takagi
	"VO ₂ and lactate behavior at low, moderate and intense exercise"	
10:40-11:00	Coffee Break	
	Keynote Lecture-2	
11:00-12:00	Vicky Tolfrey Ph.D., Loughborough University, United Kingdom,	Takeshi Nishiyasu
	"Exercise performance in the heat - challenges and solutions for Paralympic athletes with a spinal cord injury."	·
12:00-13:30	Lunch & Poster Session in Taibachi Hall (5C220)	
	Session-1: Research and Support for Paralympian	
13:30-14:00	Yoshi-ichiro Kamijo M.D., Ph.D. Department of Rehabilitation Medicine,	
	Wakayama Medical University, Japan, "Physiological considerations of wheelchair performance for spinal cord injury persons at different ambient temperatures"	Yasuo Sengoku
	Nobuko Konishi M.S., Member of Technical Committee Japanese Para Swimming	
14:00-14:30	Federation, Japan, "Agendas in Japanese Para Swimming for Tokyo 2020"	Bun Tsuji
14:30-14:50	Tomohiro Gonjo Ph.D., Sports R & D Core, University of Tsukuba, Japan,	
	"Body roll techniques in unilateral arm amputee front crawl swimmers"	
14:50-15:10	Coffee Break	
	Session-2: Strategy for reducing heat strain	
15:10-15:25	in Hot Summer Olympic in 2020 Daisuke Nakamura Ph.D., Japan Institute of Sports Science (JISS), Japan,	
	"Special research project for 2020 Tokyo Olympic and Paralympic Games in JISS.	Naoto Fujii
	~With reference to countermeasures for hot and humid environment~	
15:25-15:50	Kazunobu Okazaki Ph.D., Osaka City University, Japan,	Nicola Gerrett
	"Effects of carbohydrate in beverage on thermoregulatory responses"	
15:50-16:10	Bun Tsuji Ph.D., Prefectural University of Hiroshima, "Effect of wearing graduated compression stockings on heat loss responses during exercise in the heat"	
16:10-16:30	Coffee Break	
	Session-3:Hot Topics -latest research in biomechanics and	
16:30-16:50	thermoregulation	
	Yuji Matsuda Ph.D., Researcher, Japan Institute of Sports Sciences(JISS), Japan, "Three dimensional analysis of underwater dolphin kick"	Bun Tsuji
	Nicola Gerrett Ph.D., JSPS Foreign Postdoctoral Fellow, Kobe University, Japan,	- Dali isuji
16:50-17:10	"Factors influencing the sweat glands ion reabsorption capacity"	Tomohiro Gonjyo
	Naoto Fujii Ph.D., University of Tsukuba, Japan,	
17:10-17:30	"Type 1 diabetes modulates cyclooxygenase- and nitric oxide-dependent mechanisms governing sweating but not cutaneous vasodilation during exercising in the heat"	
17:30-17:40	Closing Remark (Prof. Takeshi Nishiyasu)	Naoto Fujii
17.50 17.40	Closing Remark (1 tot. Takesin Histilyasa)	14doto i ujii