



# Science & Cycling 2017 Conference Program

version 1.4 1 June 2017

Wednesday 28 June			Foyer		
08.00	18.00		Registration Open		
			Foyer		
09.00	18.00		Exhibition		
			Theatre	Arena	
09.00	09.10		Welcome		
09.10	10.30	Forum	The role of science within the teams Scott Drawer - Head Performance Hub Project - Team Sky David Bailey - Head of Performance - BMC Racing Team Louis Delahaije - Trainer - Team Lotto Jumbo		
			Foyer		
10.30	10.50		Coffee break		
10.50	11.20	Mikel Zabala	How to win an olympic medal in mountainbike: the case of Carlos Coloma		
11.20	11.50	Louis Delahaije	Women's cycling: the olympic year of a world class rider		
11.50	12.20	Daniel Green	A Different Approach to Optimising Performance		
			Foyer		
12.20	13.20		Lunch		
13.20	13.40		Company demonstration in exhibition area / poster visits		
13.40	14.10	Jim Martin	Sprinting for Win: Insights from Supply and Demand Modeling		
14.10	14.40	Vincent Villerius	Factors affecting road cycling sprint power data		
14.40	15.10	Sebastian Weber	The metabolic origin of power – monitoring aerobic & anaerobic capacity in professional cyclists		
15.10	15.40	Shona Halson	The role of Sleep in Elite Athletes Performance		
15.40	16.00	Dajo Sanders	Load ratios during a cycling Grand Tour: detecting fatigue?		
			Foyer		
16.00			Coffee break		
			Theatre	Arena	
16.20	16.50	Chris Beedie	Drug-free performance enhancement: Capitalising on cyclists' capacity to respond to placebos		
16.50	17.10	Andreas venhorst	The process of losing - investigating psychophysiological determinants of pacing & performance during head-to-head competition		
17.20	17.40	Raphael Faiss	A performance passport in cycling: facts and fancy		
17.40	18.00	Thomas Berghoff	Nada Doping Prevention Program		
18.00	18.20	Shona Halson	Rider Health Monitoring and Prevention of Overtraining		
			Foyer		
19.00	22.30		Location to be confirmed Conference Evening Neanderthal Museum		
Thursday 29 June			Foyer		
08.00	18.00		Registration Open		
			Foyer		
09.00	18.00		Exhibition		
09.00	09.30	Hein Daanen	Preparation for Performance in the Heat		
09.30	09.50	David Nichols	Core Temperature Data from the World Championships 2016 (working title)		
09.50	10.10	Samuel Bellenoue	Changes of Altitude-Induced Performance Changes in a Top-2 Tour de France Cyclist		
10.10	10.30	Michal Garnys	Programming training loads MTB cyclists during first 7-days of the stay in conditions of high-altitude hypoxia		
			Foyer		
10.30	10.50		Coffee break		
10.50	11.20	Bent Ronnestad	The role of strength training on cycling performance for male and female cyclists		
11.20	11.40	Theo Ouvrard	EVA method to monitor ability to optimally regulate exercise intensity of professional cyclists during official TT competitions		
11.40	12.00	Vitor Pereira Costa	Functional threshold power in cyclists: validity of the concept and physiological responses		
12.00	12.20	Jim Martin	Myth and Science in Cycling		
			Foyer		
12.20	13.20		Lunch		
13.20	13.40		Company demonstration in exhibition area / poster visits		
			Theatre	Arena	
13.40	14.10	Bert Otten	Simulating track cycling in an Olympic event		
14.10	14.30	Stefan Wolf	Knowing your slope on the track: Getting the most out of GPS and power data		
14.30	14.50	Christoph Triska	Reliability of W <sup>A</sup> using time-trials under laboratory conditions		
14.50	15.10	Richard Lloyd	The changing face of serious bicycle injuries from a UK Regional Trauma Centre		
15.10	15.30	Neil Mansfield	Autonomous vehicles - interactions with cyclists: opportunities and threats		
			Foyer		
15.30	15.50		Coffee Break		
15.50	16.20	Robert Lamberts	Symptoms of functional overreaching - practical implications to optimize training prescription		
16.20	16.40	Martin Dobiasch	OVEX - An expert system for the detection of overreaching		
16.40	17.00	Andrea Giorgi	Power distribution, performance changes & bioelectrical impedance properties during preparation period of professional cyclists		
17.00	17.20	Inga Krauss	Effectiveness of two training interventions with different intensities on laboratory parameters and race performance		
17.20	17.40	Suren Arutyunyan	6 hours training a week are enough for preparing Ironman amateur athletes		
			Foyer		
			Coffee Break		
			Valerie Pennemans		
			The impact of cycling insoles		
			Daniel Schade		
			Contact point biomechanics		
			Borut Fonda		
			Pedal force measurement & optimisation in everyday bike fitting practice		
			Valerie Pennemans		
			3d motion analysis (all day in conference room)		