

PRELIMINARY PROGRAMME

Monday, 22nd October 2012

15h00 - 18h30	Registration and Accommodation
18h30 - 19h00	Welcome Carlos Neto - Technical University of Lisbon Hélder Lopes - University of Madeira Karsten Froberg - University of Southern Denmark
19h00 - 19h45	Keynote [Chair: Chris Riddoch] Association between the effects of physical activity and metabolic disorders. How can we sell an hour a day? Lars Bo Andersen
20h00	Welcome Reception

Tuesday, 23rd October 2012

Measurement Perspectives

08h30 - 09h00	Registration
09h00 - 10h00	Conference [Chair: Luís B. Sardinha] The European Youth Heart Study - Update, the database and approaches to analysis Karsten Froberg, Lars Bo Andersen and Ulf Ekelund
10h00 - 10h15	Coffee Break
10h15 - 11h00	Keynote [Chair: Angie Page] Physical activity, nutrition and sleep in adolescents Mikael Fogelholm
11h00 - 12h45	Oral Presentations [Chair: Ulf Ekelund]
11h00 - 11h15	Independent and combined association of muscle strength and cardiorespiratory fitness in youth with insulin resistance and beta-cell function in young adulthood (The European Youth Heart Study) Anders Grøntved (OC-44)
11h15 - 11h30	Physical activity, sedentary and diet behaviors: Relationship with metabolic syndrome in adolescents Hélder Vítor Rodrigues (OC-52)

11h30 - 11h45	Comparison between urban and rural areas in the obesity prevalence and cardiovascular risk factors in children and adolescents Ana José Rodrigues (OC-48)
11h45 - 12h00	Prefrontal cortex deoxygenation as indicator of the maximal exercise intensity in children Marcin Luszczuk (OC-50)
12h00 - 12h15	Physical activity intensity, sedentary time and body composition in preschoolers Paul Collings (OC-28)
12h15 - 12h30	Gender differences in objectively measured physical activity and sedentary time at school and outside of school hours in Finnish children aged 7 to 12 years Tuija Tammelin (OC-17)
12h30 - 12h45	Gender and school type differences in objectively measured physical activity in early adolescent youth Wesley O' Brien (OC-19)
12h45 - 14h00	Lunch
14h00 - 14h45	Keynote [Chair: Ashley Cooper] Measurement perspectives in physical activity research Søren Brage
14h45 - 15h45	Poster Session 1 [Chair: Søren Brage] Consult posters list in page 7
15h45 - 16h15	Coffee Break
16h15 - 18h00	Workshop Accelerometry concepts, techniques and future developments with ActiGraph G. Murray (Actigraph Director of Marketing) and J. Schneider (Actigraph VP of Research and Development)

Wednesday, 24th October 2012

Mechanisms and Behavioural Perspectives

09h30 - 10h15	Keynote [Chair: Jorge Mota] Lifestyle and arterial stiffness: a life-course approach Isabel Ferreira
10h15 - 10h45	Coffee Break
10h45 - 12h15	Updates from invited children's studies [Chair: Karsten Froberg]
10h45 - 11h15	International children's accelerometer database (ICAD) Ulf Ekelund

11h15 - 11h45	The Peach study Ashley Cooper
11h45 - 12h15	A physical activity and family-based intervention in pediatric obesity prevention in the school-setting António Palmeira
12h15 - 13h30	Lunch
13h30 - 14h15	Keynote [Chair: Lars Bo Andersen] Sports injury prevention Willem van Mechelen
14h15 - 15h30	Oral Presentations [Chair: Helena Santa-Clara]
14h15 - 14h30	Daily physical activity in school improves motor skills and school performance – A nine-year prospective controlled exercise intervention study in 220 children Ingegerd Ericsson (OC-1)
14h30 - 14h45	“Health related activity” and “fundamental movement skills” for physical activity promotion in Irish second level education Wesley O’ Brien (OC-20)
14h45 - 15h00	The influence of physical activity, sedentary activities and diet behaviours on abdominal obesity Bebiana Sabino (OC-53)
15h00 - 15h15	Fatness, fitness and physical activity among young Icelanders: A longitudinal study Sandra Jonasdottir (OC-58)
15h15 - 15h30	Relationship between vitamin D intake and metabolic syndrome risk factors in azorean adolescents Jorge Mota (OC-64)
15h30 - 16h00	Coffee Break
16h00 - 17h00	Poster Session 2 [Chair: Peter Lund Kristensen] Consult posters list in page 7
17h00 - 18h15	Oral Presentations [Chair: Erlingur Johansson]
17h00- 17h15	Commuting to school by bicycle: Prevalence and socio-demographic correlates in a nationwide representative sample of German adolescents Eliane Peterhans (OC-29)
17h15 - 17h30	Bicycling to school improves the cardiometabolic risk factor profile: a randomised controlled trial Lars Østergaard (OC-5)
17h30 - 17h45	Inflammatory markers and clustered cardiovascular disease risk factors in Danish Adolescents Anna Bugge (OC-4)
17h45 - 18h00	Clustering of multidimensional health-related behaviors in adolescents Sarah Spengler (OC-6)

18h00 - 18h15	Determinants of Danish preschool children's physical activity level – an ecological perspective Line Groenholt Olesen (OC-30)
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Thursday, 25th October 2012

Mechanisms and Behavioural Perspectives

09h30 - 10h15	Keynote [Chair: Niels Wedderkopp] Biological determinants of physical activity; heritability, genes and early life factors Ulf Ekelund
10h15 - 10h45	Coffee Break
10h45 - 12h45	Oral Presentations [Chair: Søren Brage]
10h45 - 11h00	Effects of a teacher-centred school-based intervention program on health behaviour and cardiovascular disease risk Clemens Drenowatz (OC-15)
11h00 - 11h15	Associations between objectively measured physical activity intensity across childhood and measures of sub-clinical atherosclerosis in adolescence: the European Youth Heart Study Mathias Ried-Larsen (OC-10)
11h15 - 11h30	Patterns, trends and tracking in physical activity throughout childhood and adolescence Brad Metcalf (OC-13)
11h30 - 11h45	Long-term effects of the physical activity intervention on the physical fitness of children Gregor Jurak (OC-32)
11h45 - 12h00	Accessibility of slovene school sports halls for students with physical disabilities Gregor Jurak (OC-33)
12h00 - 12h15	Measurements and self-reported BMI relation to social support among youngsters in IcelandHervör Alma Árnadóttir (OC-61)
12h15 - 12h30	Body composition patterns and cardiorespiratory fitness in 9 and 15 year old children and adolescents in Pristina, Kosovo Faton Tishukaj (OC-63)
12h30 - 12h45	Fat mass increase in 7-year-old children: More bone area but lower bone mineral density Hannes Hrafnkelsson (OC-69)
12h45 - 13h45	Lunch
13h45 - 14h30	Keynote [Chair: Rui Ornelas] Mechanisms for the companionship between exercise and bone health during growing and development Fátima Baptista

14h30 - 15h30	Oral Presentations [Chair: Rui Ornelas]
14h30 - 14h45	Body composition phenotypes and carotid intima-media thickness in 11-13 years old children Xavier Melo (OC-65)
14h45 - 15h00	Physical activity, body composition and bone health in Icelandic Adolescents Gunnhildur Hinriksdóttir (OC-56)
15h00 - 15h15	Physical fitness and health of Icelandic boys in elementary schools with intellectual disability Ingi Þór Einarsson (OC-59)
15h15 - 15h30	Body composition, fitness, and metabolic risk factors among children with intellectual disability: Gender differences and associations Sigurbjörn Árni Arngrímsson (OC-57)
15h30 - 16h00	Coffee Break
16h00 - 17h00	Poster Session 3 [Chair: Jorge Mota] Consult posters list in page 8
17h00 - 18h45	Oral Presentations [Chair: Ashley Cooper]
17h00 - 17h15	The association of FTO rs9939609 polymorphism and overweight malay children in relation to physical activity Mohd Nidzam Jawis (OC-2)
17h15 - 17h30	Associations of diet quality and cardiorespiratory fitness with body composition among 16 year old high-school scholars Anna S. Olafsdottir (OC-67)
17h30 - 17h45	The development of physical attainment and mental health of adolescents and young adults: A longitudinal study Sunna Gestsdottir (OC-55)
17h45 - 18h00	Physical inactivity is a risk factor for reduced self-rated academic performance in Norwegian adolescents John Roger Andersen (OC-11)
18h00 - 18h15	Playing sports and other physical activities are really harming academic performance in 5th and 7th grade students? Maria João Almeida (OC-51)
18h15 - 18h30	The Impact of a School-based Physical Education Programme On Children's Bone Health. The Childhood Health, Activity and Motor Performance School (The CHAMPS) study, Denmark Malene Heidemann (OC-12)
18h30 - 18h45	Youngsters' perception for sports practice: motivational climate induced by parents Paula Santana (OC-39)
19h30	Dinner

Friday, 26th October 2012

09h15 - 10h00	Keynote [Chair: Lars Bo Andersen] Effects of physical activity, and type of physical activity, on cognitive control Adele Dorothy Diamond
10h00 - 10h30	Coffee Break
10h30 - 12h00	Updates from the HEPA Europe Children and Youth Group [Chair: Karsten Froberg]
12h00 - 13h30	Lunch
Afternoon	Madeira Tour or Departure

POSTERS INDEX

Session 1

Order	Ref.	Title/Author(s)	Page
S1-01	PC-25	Physical fitness and academic achievement in school <i>Tânia Oliveira, Manuela Costa, Andreia Pizarro, Jorge Mota, Maria Santos & José Ribeiro</i>	
S1-02	PC-49	Association between cardiorespiratory fitness and academic achievement, by gender. A study with children from a Portuguese public school <i>Helder Freitas, André Lopes, Filipe Biscoito, Sónia Marquês, Rute Santos & Beatriz Pereira</i>	
S1-03	PC-34	Youngsters' perception for physical activity practice: Motivational climate induced by Physical Education teachers <i>Paula Santana, Teresa Figueiras, Júlia Castro, Susana Póvoas & Clarice Martins</i>	
S1-04	PC-35	The role of physical education in socialization of primary school students <i>Katalin Kovács, Norbert Fehérvári & Dóra Lasztovicza</i>	
S1-05	PC-23	Longitudinal follow-up of physical activity during school recess: Impact of playground markings <i>Georges Baquet, Emmanuel VanPraagh & Serge Berthoin</i>	
S1-06	PC-07	Commuting to school and to work among high school students of Santa Catarina State, Brazil: a comparative analysis between 2001 and 2011 <i>Kelly S. Silva, Adair S. Lopes & Markus V. Nahas</i>	
S1-07	PC-31	The associations of sleep duration and physical activity in 11-12 year old children <i>Maroje Soric, Gregor Starc, Gregor Jurak, Marjeta Kovac, Janko Strel & Katarina T. Borer</i>	
S1-08	PC-27	The associations of short sleep duration and adiposity in 11-12 year old children <i>Marjeta Misigoj-Durakovic, Maroje Soric, Katarina T. Borer, Gregor Starc, Gregor Jurak, Marjeta Kovac & Janko Strel</i>	
S1-09	PC-03	Alcohol consumption and smoking: association with leisure-time physical inactivity and sedentary behavior <i>Jorge Bezerra, Adair da Silva Lopes, Carla Meneses Santos, Rafael Miranda Tassitano, Maria Cecília Marinho Tenório & Mauro Virgílio Gomes de Barros</i>	
S1-10	PC-43	Interventions to reduce sedentary behavior in adolescents: a systematic review <i>Henrique Alves, António Palmeira & Rute Santos</i>	
S1-11	PC-22	Effects of physical activity on overweight children's cognitive function: The Odense Overweight Intervention Study <i>Tao Huang, Kristian Traberg Larsen, Niels Christian Møller & Lars Bo Andersen</i>	
S1-12	PC-41	Associations between sedentary behavior and motor coordination in children <i>Luís Lopes, Rute Santos, Beatriz Pereira & Vítor Lopes</i>	

Session 2

Order	Ref.	Title/Author(s)	Page
S2-01	PC-08	Validity of a new SenseWear Mini Armband algorithm to estimate energy expenditure in children <i>Stijn De Baere, Maarten Peeters & Johan Lefevre</i>	

S2-02	PC-14	Validation of PAQ-C in a sample of Brazilian youth <i>Rosane C. Rosendo da Silva</i>
S2-03	PC-16	Seasonal variation in objectively measured physical activity among Finnish boys and girls aged 7 to 15 years <i>Janne Kulmala, Harto Hakonen, Kirsti Siekkinen & Tuija Tammelin</i>
S2-04	PC-24	Effects of weather on objectively assessed physical activity in Danish preschool children <i>P.L. Kristensen, L. Olesen & K. Froberg</i>
S2-05	PC-42	Difference in the total number of injuries between two school-types – The CHAMPS-study DK <i>Christina Christiansen, Eva Jespersen, Claudia Franz, Annette Kjær Ersbøll, Karsten Froberg & Niels Wedderkopp</i>
S2-06	PC-60	Sway performance and physical activity as predictors for sports injuries – a study of children and adolescents <i>Lisbeth Runge Larsen, Martin Jørgensen, Tina Junge, Birgit Juul-Kristensen & Niels Wedderkopp</i>
S2-07	PC-26	Relationship between impaired functional stability, back pain and pain-related factors in children <i>Vilma Dudoniene, Ramune Miliauskė & Lina Varniene</i>
S2-08	PC-70	Cardiorespiratory fitness is related to school grades in children and adolescents <i>Cláudia Minderico</i>
S2-09	PC-62	Participant flow, compliance, and representativeness in a 6 week day camp intervention on overweight children: The Odense Overweight Intervention Study <i>Kristian Traberg Larsen, Tao Huang, Mathias Ried-Larsen, Lars Bo Andersen & Niels Christian Møller</i>
S2-10	PC-18	Fysio educatief <i>Elise Sijthoff</i>

Session 3

Order	Ref.	Title/Author(s)	Page
S3-01	PC-38	Blood pressure, abdominal obesity, physical activity and cardiorespiratory fitness in youths <i>Gustavo Silva; Luísa Aires; Clarice Martins; Andreia Pizarro; Elisa Marques; Jorge Mota; José Oliveira & José Carlos Ribeiro</i>	
S3-02	PC-66	Prevalence of hypertension in a cohort of 16-year old high-school scholars <i>Ingibjörg Kjartansdóttir, Sigurbjörn A. Arngrimsson, Ragnar Bjarnason & Anna S. Olafsdóttir</i>	
S3-03	PC-47	Combined effect of cardiorespiratory fitness and obesity on blood pressure levels in Portuguese children of the 7th grade <i>Sónia Marques, Filipe Bischoito, Hélder Freitas, André Lopes & Rute Santos</i>	
S3-04	PC-46	Combined effect of sedentary behaviour and obesity on blood pressure levels in Portuguese children of the 7th grade <i>Filipe Bischoito, Sónia Marques, Helder Freitas, André Lopes & Rute Santos</i>	
S3-05	PC-68	Physical activity and risk factors for cardiovascular diseases in three different working classes in Iceland <i>Börkur Már Hersteinsson, Kristján T. Magnússon, Ásgeir Böðvarsson, Erlingur Johannsson &</i>	

Sigurbjörn Á. Arngrímsson

S3-06	PC-21	<p>Cardiorespiratory fitness, but not central obesity or C-reactive protein, is related to liver function in obese children</p> <p><i>Clarice Martins, Andreia Pizarro, Luisa Aires, Luís Lemos, Maria Santos & Jorge Mota</i></p>
S3-07	PC-37	<p>Motor coordination, physical Activity and VO2max as predictors of body fat in youth</p> <p><i>Luisa Aires, Gustavo Silva, Paulo Costa, Elisa Marques, José Carlos Ribeiro, José Oliveira, Jorge Mota & Clarice Martins</i></p>
S3-08	PC-40	<p>Objectively measured sedentary behavior is associated with body mass index, independently of physical activity levels, in school-aged Portuguese youth</p> <p><i>Rute Santos, Jorge Mota, Analisa Silva, Fátima Batista, Diana Santos & Luís Sardinha</i></p>
S3-09	PC-9	<p>Physical inactivity is a risk factor for unhappiness in Norwegian adolescents</p> <p><i>John Roger Andersen, Geir Kåre Resaland & Hans-Johan Breidablik</i></p>
S3-10	PC-45	<p>Adolescents' perception of environmental features and its association with physical activity: results from de Azorean Physical Activity and Health Study II</p> <p><i>André Oliveira; Jorge Mota; Carla Moreira; Susana Vale; Pedro Silva; Sandra Abreu; Pedro Moreira & Rute Santos</i></p>
S3-11	PC-36	<p>Physical activity across different settings in children attending normal schools and sports schools with extra compulsory physical education lessons: preliminary finding from the CHAMPS-study DK</p> <p><i>Niels Christian Møller, Eva Kamelarczyk, Heidi Klakk Christensen & Niels Wedderkopp</i></p>
