

PWP 2017

Timetable	Tuesday 03/10/2017	Presenter	Chairman
18:30-19:00	Opening Ceremony & Joseph Rutenfranz Lecture		
19:00-19:45	Muscular Activation and children fatigability, Central and peripheral Factors	Kotzamanidis C	Armstrong N Ratel S

Timetable	Wednesday 04/10/2017	Presenter	Chairman
08:00-09:00	Poster presentation		
09:00-09:30	Hydration for young athletes: When, what, how much.	Falk B	Rowland T
09:30-10:45	Oral session: Exercise and disease		Kotzamanidis C, Nixon P
9:30	The hemodynamic and pulmonary effects of acute high altitude exposure at rest and during exercise in children, adolescents and young adults with complex congenital heart disorders	Takken T	
9:45	The oxygen uptake efficiency slope is not a valid measure of aerobic capacity in children with cystic fibrosis	Williams CA	
10:00	A modified Wingate anaerobic test may be used for the evaluation of Growth hormone secretion in children with short stature	PantanowitzM	
10:15	Scaling maximum oxygen uptake for thigh muscle volume in children with cystic fibrosis	Tomlinson O	
10:30	Exercise intensity and post-exercise endothelial function in children	Sletten N	
10:45-11:15	Coffee break		
11:15-13:15	Oral session: Competitive sports		Williams CA Malm C
11:15	Examining the influence of the relative age effect on team selection during adolescence	Donovan D	
11:30	Aerobic and anaerobic fitness in school-age children: are they metabolic non-specialists?	Caldwell H	
11:45	The genetic basis for the dominance of Israeli long-distance runners of Ethiopian origin	Ben-Zaken S	
12:00	Comparison of cardiorespiratory responses to	Baquet G	

	continuous and intermittent exercises in children		
12:15	Noise or Signal? Cardiorespiratory Stability and Volatility During Exercise in Pre- and Late-Pubertal Boys	Bar-Yoseph R	
12:30	Biomechanical characteristics of overweight and obese children during five different walking and running velocities	Steinberg N	
12:45	Acute effects of high and moderate intensity interval running on the neural and vascular components of baroreflex in adolescents	Oliveira R	
13:00	Evaluation of the 3-min all-out running field-test and calf-muscle deoxygenation in adolescent orienteers	Nimmerichter A	
13:15-14:15	Lunch		
14:30-15:00	Poster presentation		
15:00-16:00	Tools to assess fitness and performance in children: Laboratory vs. field testing?	Takken T Barker A	Armstrong N
16:00-16:30	Coffee break		
16:30-18:30	Oral session: Movement patterns and rehabilitation in children		Vrabas I Cristoulas K
16:30	Musculoskeletal pain and joint loading in overweight children: The quest for activities that reduce pain and increase physical activity.	Baltzopoulos V	
17:00	Imbalanced adaptation between muscle and tendon in adolescent: Increase the risk of tendinopathy?	Arampatzis D	
17:30	Developmental Coordination Disorder: The, not so magical world, of young Mr. Bump, Associate Professor (Motor Coordination Disorders).	Kourtesis T	
18:00	Movement disorders in children: the path from diagnosis to successful rehabilitation	Zafeiriou D	
19:00-20:00	Dinner		
20:00-20:30	Continental Greek folk Dances Society for Pierianstudies "EstiaPieridonMousson"		

Timetable	Thursday 05/10/2017		
	All day trip visiting Dion Museum, Olympus and Meteora Monasteries. Box Lunch will be available		
20:00	Dinner		

Timetable	Friday 06/10/2017	Presenter	Chairman
07:00- 08:00	PES Editorial board meeting	(invited by Prof. Falk)	
08:00-09:00	Poster presentation		
09:00-09:30	Nutrition and eating disorders in young athletes	Sundgot-Borgen J	Klentrou P
09:30-10:30	Oral session: Exercise & Bone		Baxter-Jones A Sundgot-Borgen J
9:30	The role of body composition and physical activity in adolescence on bone accrual in young adulthood.	Baxter-Jones A	
9:45	The impact of weight-bearing and aquatic sports on bone density gains among male adolescents: 18 months of follow-up	Fernandes Romulo A	
10:00	Longitudinal adaptations of bone mass, geometry, and metabolism in adolescent male athletes: The PRO-BONE Study.	Vlachopoulos D	
10:15	Effect of a 9-month progressive jump intervention programme on bone outcomes in adolescent male athletes: The PRO-BONE study	Vlachopoulos D	
10:30-11:00	Coffee break		
11:00-12:00	Legend session: The biological basis of physical activity during childhood	Rowland T	Falk B
12:00-13:00	Oral session: Physical activity		Pfeiffer K A Barker A
12:00	Prevalence of objectively measured sedentary behaviour in toddlers and preschoolers: A systematic review	Rodrigues Pereira J.R.	
12:15	Characterizing preschoolers' indoor physical activity: Validation of bluetooth proximity tagging	Clevenger K	
12:30	The role of growth on fundamental	Tait T	

	movement skills development.		
12:45	Correlates of preschool children's objectively measured physical activity and sedentary behavior: a cross-sectional analysis of the SPLASHY study	Schmutz E	
13:00-14:00	Lunch		
14:00-14:30	Poster presentation		
14:30-15:00	The promise of genomics and epigenetics studies in pediatric exercise research	Radom-Aizik S	Nemet D
15:00-16:15	Oral session: Exercise in children with disabilities		Takken T McManus A
15:00	A novel tool to quantify and promote physical activity in youth and ambulatory youth with a motor disability	Lankhorst K	
15:15	Biomechanical differences in low obstacle clearance between children with and without Cerebral Palsy	Kotzamanidou M	
15:30	Children and adolescents with moderate to severe intellectual disabilities have poor physical fitness	Wouters M	
15:45	Holistic fitness intervention program for persons with intellectual disabilities – a community pilot programme with SG Enable	LimMC M	
16:00	Child Maltreatment and Motor Coordination Deficits among Preschool Children	Wade T	
16:15-16:45	Coffee break		
16:45-19:00	Year That Was – Coordinated by Bareket Falk		Falk B
19:00-20:00	Dinner		
19:45-20:30	PWP Board Meeting	(invited by Prof. Armstrong)	
20:30	Greek Folk Dances (Pontian Group)		

Timetable	Saturday 07/10/2017	Presenter	Chairman
08:00-09:00	Poster presentation		
09:00-09:30	The Oded Bar- Or lecture: Exercise and childhood obesity – 15 years of clinical experience	Nemet D	Kemper H
09:30-10:45	Oral session: Adiposity		Jürimäe J Katzmarzyk P
9:30	Effectiveness of individual versus group programs to treat obesity and reduce	Farpour-Lambert N	

	cardiovascular disease risk factors in pre-pubertal children		
9:45	Does childhood and adolescent physical activity influence fat mass accrual in emerging adulthood?	Barbour-Tuck E	
10:00	Tibial impact accelerations in gait of primary school obese children: the effect of age, speed and visual biofeedback	Orland G	
10:15	Effect of the “Girls on the Move” intervention on adiposity outcomes among underrepresented girls: A group randomized trial	Pfeiffer K A	
10:30	Association between physical activity, sedentary behaviour and adiposity and retinal microvasculature in children and adolescents: A systematic review	Sousa-Sá E	
10:45-11:15	Coffee break		
11:15-12:15	Legend Session: Controversies and future directions in youth aerobic fitness	Armstrong N	Williams C A
12:15-13:30	Oral session: Neuro-muscular		Zaferidis A Panoutsakopoulos V
12:15	Does plyometric training affect stiffness during drop jumps in prepubescent girls?	Bassa E	
12:30	Does Plyometric Training Increase Motor-Unit Recruitment Capacity in Children?	Dotan R	
12:45	The H-reflex during a sustained submaximal isometric fatiguing contraction in girls and women	Papavasiliou A	
13:00	Cerebral and muscle oxygenation during maximal and submaximal isometric fatiguing contraction in children and young adults	Antonopoulos C	
13:15	Dynamic gear ratio in children and adults during walking and implications for muscle mechanical efficiency	Baltzopoulos V	
13:30-14:15	Lunch		
14:15-14:45	Poster presentation		
14:45-15:15	The ideal model of a citizen in the Ancient Greece	Karafillis G	Bassa E Kara M
15:15-15:45	Youth’s physical activity in moderation: Health perspectives of Hellenic antiquity.	Albanidis E	Bassa E Kara M
15:45-16:15	Exercise and diabetes during the developmental years	Dipla K	Patikas D
16:15-16:45	Coffee break		
16:45-18:15	Oral session: Physical activity		Tremblay M

			Biltz G
16:45	The crux of the cut-point choice for the objective assessment of preschoolers' physical activity	Leeger-Aschmann C	
17:00	Relationship Between Meeting 24-hour Movement Guidelines and Cardiometabolic Risk Factors in Children	Katzmarzyk P	
17:15	Peak oxygen uptake cut points for identification of increased cardiometabolic risk in children aged 9–11-years – the PANIC Study	Haapala E	
17:30	Associations between patterns across the activity spectrum and children's and adolescents' cardio-metabolic health: A Systematic Review	Verswijveren Simone J.J.M.	
17:45	Associations between physical fitness and health among school-aged youth: An analysis using the Canadian Health Measures Survey	Tremblay M	
18:00	Correlates of cardiorespiratory fitness and their interrelationships in children and adolescents	Joensuu L	
18:15-18:45	Award presentation		
21:00	Dinner&Social party until the morning		

Timetable	Sunday 08/10/2017	Presenter	Chairman
08:30-9:00	Bone turnover during exercise in children: what bone resorption/formation markers and exercise-induced osteokines can tell us?	Klentrou P	Christoulas K
9:00-09:30	A short history of PWP: 30 conferences in 50 years.	Kemper H	Kriemler S
09:30-10:30	Closing remarks	Kotzamanidis C	

Poster sessions

Below please find the timeline for poster presentation.

Posters should be posted up to 15 minutes before each morning poster session.

The poster will be open for questions and discussions during a mid-day poster presentation session. The presenter is expected to attend and present his poster during this session.

During this session a scientific committee will elect the Best Poster Student Awards.

Poster should be removed by the end of each day.

Recommended poster size: 33.1 X 46.8 inch or 84.1 x 118.9 cm

Poster presentation October 4, 2017

	Name	Abstract
1	Hay John	Sex differences in the relationship between self-efficacy and motor performance in young children
2	Piponnier Enzo	Sex-related specificity of the neuromuscular adaptations to youth obesity
3	Takken Tim	Fitness, adiposity, sports participation, and arterial stiffness in youth with chronic diseases or physical disabilities.
4	Bloemen Manon	Physical activity in wheelchair-using youth with spina bifida: an observational study
5	Nixon Patricia	Antenatal steroid exposure, physical activity, and arterial stiffness in persons born with very low birth weight
6	Mahon Anthony	Cardiac vagal activity in boys and men at rest, during the onset of exercise and during recovery
7	Barker Alan	Low-flow vasoreactivity in adolescents: Measurement reliability and the effect of exercise intensity
8	Tallon Christine	Ventilatory and cerebrovascular responses to hypercapnia in children: Insight into the central respiratory chemoreflex
9	Cokorilo Nebojsa	Aerobic programme effects on anthropometric characteristics of female students
10	McManus Ali	Assessment of dynamic cerebral autoregulation in children.
11	Hillis Doug	The effects of team selection on short-term sports participation.
12	Arturo Osorio	Assessment of skeletal maturation among adolescent female soccer players: agreement between FELS and TW3 protocols

Poster presentation October 6, 2017

	Name	Abstract
1	Farkas Anna	Young swimmers and pentathletes - A comparative study of the physique
2	Bloemen Manon	Determinants of physical activity in wheelchair-using youth with spina bifida
3	Bloemen Manon	Evidence for increasing physical activity in children with physical disability: A Systematic Review
4	Illescas Calvin	Preparticipation physical evaluation of youth in sports development program in Guatemala.
5	Biltz George	Time series variability of steady state RER, tidal volume and VO ₂ show a common response to marathon training in older adolescents
6	DontiOlyvia	Acute and long-term improvement of range of motion using intermittent and continuous static stretching training in preadolescent female athletes
7	Bretter Shiri	The effect of a six-week program using unstable surfaces for upper body, on shoulders proprioceptive capability and strength among young competitive swimmers
8	PatikasDimitrios	The H-reflex after a maximal sustained isometric fatiguing contraction in boys and men
9	Nilsson Robert	Lack of performance predictive ability in common physiological tests in junior alpine skiers
10	Panoutsakopoulos Vassilios	Sport specificity background affects the principal component structure of vertical squat jump performance of post-pubertal adolescent male athletes
11	Panoutsakopoulos Vassilios	Gender differences in ergometer rowing biomechanics and pacing strategies of club level adolescent rowers
12	Cokorilo Nebojsa	Analysis of body composition changes in physically active women relative to their age

Poster presentation October 7, 2017

	Name	Abstract
1	Prusov Petr	Change of growth and maturing rates of boys in puberty period, some determinants.
2	Szmodis Márta	Reference data for ultrasound bone characteristics in Hungarian children aged between 7-19 years
3	Howe Cheryl	Children's Physical Activity Step Rates: Activity Tracker vs. Direct Observation
4	Machado-Rodrigues Aristides	Sedentary behaviour and its association with waist-to-height ratio in a sample of female Portuguese children
5	Moore Sarah	Is Somatic Maturity Delayed in Adolescents Living with Perinatally Acquired HIV?
6	Machado-Rodrigues Aristides	Academic achievement and moderate-to-vigorous physical activity
7	Zhang Zhiguang	The association of meeting physical activity, screen time and sleep guidelines with cognitive development among toddlers.
8	Armstrong Victoria	Lower limb vascular response to an acute bout of prolonged sitting in children
9	Miliotis Panagiotis	A new reliable laboratory based performance test for adolescents
10	Siegel Shannon	Can child motor performance tasks predict high school sport participation?
11	Baltzopoulos Vassilios	Musculoskeletal biomechanics changes in children during growth and development and implications for muscle strength assessment and performance.
12	Jürimäe J	Chronic exercise training does not influence inflammatory markers in pubertal girls: A comparison study between athletes and non-athletic controls