Faculty of Exercise and Sport Sciences
University of Tartu

4th Baltic Conference in Exercise and Sport Sciences

PROGRAMME

April 7 – 9, 2011
Tartu, Estonia

Dear Friends,

We have a great pleasure to invite you to Fourth Baltic Conference in Exercise and Sport Sciences held in Tartu, Estonia, April 7-9, 2011. We are happy to host you in our country and hope that the time will be unforgettable for all of you.

The meeting is organized by the Faculty of Exercise and Sport Sciences, University of Tartu. University of Tartu, founded by the Swedish King Gustav II Adolf in 1632, has been known in different periods of history as the second-oldest Swedish University and, centuries later, the only University in the Russian Empire in which the language of instruction was German. The Faculty of Exercise and Sport Sciences was founded 80 years ago. The scientific programme will include main lectures in important fields of exercise and sport sciences, given by international and local experts. Both oral and poster presentations are invited on the broad theme of the significance and meaning of sport science.

Jaak Jürimäe

/Chair of the Conference/

Scientific committee

Prof. Toivo Jürimäe	University of Tartu
Prof. Mati Pääsuke	University of Tartu
Assoc. Prof. Vello Hein	University of Tartu
Prof. Jaak Jürimäe	University of Tartu
Prof. Juris Grants	Latvian Academy of Sports Education
Prof. Janis Zidens	Latvian Academy of Sports Education
Assoc. Prof. Andra Fernate	Latvian Academy of Sports Education
Prof. Albertas Skurvydas	Lithuanian Academy of Physical Education
Prof. Arvydas Stasiulis	Lithuanian Academy of Physical Education
Prof. Danguole Satkunskiene	Lithuanian Academy of Physical Education
Prof. Audronius Vilkas	Vilnius Pedagogical University
Prof. Kazys Milasius	Vilnius Pedagogical University

Organizing committee

Prof. Jaak Jürimäe	University of Tartu
Prof. Mati Pääsuke	University of Tartu
Prof. Vahur Ööpik	University of Tartu
Prof. Lennart Raudsepp	University of Tartu
Prof. Toivo Jürimäe	University of Tartu
Assoc. Prof. Priit Kaasik	University of Tartu
Assoc. Prof. Ando Pehme	University of Tartu
Lecturer Andre Koka	University of Tartu
Katre Sakala, MSc	Doctoral School of Behavioural, Social and Health Sciences
Research fellow Jarek Mäestu	University of Tartu
Research fellow Priit Purge	University of Tartu
Research fellow Meeli Saar	University of Tartu
PhD student Evelin Lätt	University of Tartu

CONFERENCE PROGRAMME

April 7, 2011 Dorpat Hotel and Conference Centre

10.00 - 14.00	Arrival and registration
12.00 – 14.00	BSSS Board Meeting

Plenary Session:

14.00 - 14.15	Opening ceremony
14.15 - 15.45	International keynote speakers
15.45 - 16.15	Coffee break
16.15 - 17.45	Baltic States keynote speakers
19.00 -	Welcome Coctail

April 8, 2011 Dorpat Hotel and Conference Centre

9.00 - 10.30	Two parallel scientific sessions
10.30 - 11.00	Coffee break
11.00 - 12.30	Two parallel scientific sessions
12.30 - 14.00	Lunch
14.00 - 16.00	Young scientists oral presentations in five parallel sessions
16.00 - 17.30	Poster presentations
19.00 -	Banquet **(koha nimi, kui toimub Big Benis)**

April 9, 2011 Dorpat Hotel and Conference Centre

9.00 - 10.30	Two parallel scientific sessions
10.30 - 11.00	Coffee break
11.00 - 12.30	Scientific session
12.30 - 13.00	General conclusions and closing
13.00 -	Lunch and departure

PLENARY MEETING

(Baer)
April 7, 2011

Plenary session I
Chairs: **Prof. M. Pääsuke (Estonia)**
Prof. J. Grants (Latvia)
Prof. A. Skurvydas (Lithuania)

14.00 – 14.15 **OPENING CEREMONY**
Welcome by the Dean of the Faculty of Exercise and Sport Sciences, University of Tartu, **prof. Mati Pääsuke**

International keynote speakers:

14.15 – 14.45 **Prof. N. Armstrong (United Kingdom)**
The journey from playground to podium

14.45 – 15.15 **Prof. F. O. Ortega (Sweden)**
What do we know about physical activity, fitness and childhood obesity? Evidence from cross-sectional, longitudinal and intervention studies

15.15 – 15.45 **Prof. H. Sievänen (Finland)**
Exercise loading and bone strength

15.45 – 16.15 **Coffee break**

Plenary session II
Chairs: **Prof. J Jürimäe (Estonia)**
Prof. J. Zidens (Latvia)
Prof. A. Vilkas (Lithuania)

Baltic keynote speakers:

16.15 – 16.45 **Prof. L. Raudsepp (Estonia)**
Psychological and social factors of regular physical activity participation and sport- a developmental perspective

16.45 – 17.15 **Prof. J. Lanka (Latvia)**
Sport throwing: an approach to performance development

17.15 – 17.45 **Prof. A. Raslanas (Lithuania)**
Programme management for Lithuanian Olympic team training

19.00 - **Dinner**

ORAL PRESENTATIONS

Coaching Science
(Baer)
April 8, 2011

Session I
Chairs: **Prof. V. Issurin (Israel)**
Prof. J. Jürimäe (Estonia)
Prof. A. Skarbalius (Lithuania)

9.00 – 9.30 *V. Issurin (Israel)*
Block periodized training in view of the theory of adaptation and insights of sport psychology

9.30 – 10.00 *T. Seene, P. Kaasik, K. Alev (Estonia)*
Training paradox: concurrent endurance and strength training

10.00 – 10.15 *J. Mäestu, C.L. Passariello, R. Gruodyté, K. Hiio, J. Jürimäe, M. Saar, A. Cicchella, C. Stefanelli, G. Moruzzi, T. Jürimäe (Estonia, Italy)*
Adipoq SNP45 associated with lean body mass in physically active normal weight adolescent girls

10.15 – 10.30 *A. Skarbalius (Lithuania)*
Selected monitoring sport performance in handball

10.30 – 11.00 **Coffee break**

Session II
Chairs: **Prof. A.Raslanas (Lithuania)**
Prof. T. Seene (Estonia)
Prof. M.Pääsuke (Estonia)

11.00 – 11.15 *E. Petkus, A. Raslanas, J. Skernevičius (Lithuania)*
The specific directions of the training of Lithuanian high performance rowers

11.15 – 11.30 *N. Žilinskiené, D. Radžiukynas (Lithuania)*
Analysis of the results alteration of the elite female high jumpers during the long-term training process

11.30 – 11.45 *J. Gross (Estonia)*
Technique and methodics of check rotation jumping in figure skating: four steps from single jumps to quadruples

11.45 – 12.00 *V. Krauksts, U. Ciematnieks, L. Čupriks, K. Krauksts, A. Nemčenko (Latvia)*
Local vibration in strength endurance development

12.00 – 12.15 *K. Zaicenkoviene, A. Stasiulis (Lithuania)*
The effect of preceding drop jumps on oxygen uptake kinetics during moderate and heavy intensity running in young women

12.15 – 12.30

12.30 – 14.00 **Lunch**

Social Sciences in Sport
(Peterson)
April 8, 2011

Session I
Chairs: **Assoc. Prof. V. Hein (Estonia)**
Prof. J. Grants (Latvia)

9.00 – 9.15 *V. Hein (Estonia)*
Relationships between teacher motivation and teaching methods

9.15 – 9.30 *V. Juškelienė, S. Poteliūnienė (Lithuania)*
Socialization agents as the constrains of insufficient health related physical activity among Lithuanian adolescences

9.30 – 9.45 *A. Fernate (Latvia)*
The physical education teachers` professional activity motivation and planning competence: a qualitative approach

9.45 – 10.00 *L. Daniuseviciute, I. Ramanauskienė, S. Sipavičienė, A. Skurvydas, M. Brazaitis (Lithuania)*
The effects of menstrual cycle on the perception and cognitive functions

10.00 – 10.15 *R. Rutkauskaite, M. Brazauskas, A. Emeljanovas (Lithuania)*
Inter-relation between schoolchildren physical activity, physical fitness and academic achievements

10.15 – 10.30 *V. Rakauskienė, L. Kardelienė (Lithuania)*
Alteration of adolescent athletic identity when applying brief counselling

10.30 – 11.00 **Coffee break**

Session II
Chairs: **Assoc. Prof. A. Fernate (Latvia)**
Prof. V. Rutkauskaite (Lithuania)

11.00 – 11.15 *J. Grants, I. Belousa, I. Kravalis, J. Zidens (Latvia)*
Qualitative research on dual career for professional athletes in Latvia: inductive approach

11.15 – 11.30 *A. Litwiniuk, R. Cieśliński, E. Huk-Wieliczuk, A. Daniluk (Poland)*
The lifestyle of the polish students of the University of Physical Education and Sport in Biala Podlaska

11.30 – 11.45 *O. Batutis, T. Pakštys (Lithuania)*
Value orientation expression in the context of 15-18 year-old adolescents' physical activity

11.45 – 12.00 *M. Pečiukoniene1, E. Kemeryte-Riaubiené1, R. Stukas2, R. Paulauskas1 (Lithuania)*
Nutrient supply of high performance women basketball players

12.30 – 14.00 **Lunch**

YOUNG SCIENTISTS PRESENTATIONS

Exercise Biology I

(Baer)
April 8, 2011

Chairs: **Assoc. Prof. P. Kaasik (Estonia)**
Prof. A. Skurvydas (Lithuania)
Prof. J. Lanka (Latvia)

14.00 – 14.15 *T. Kaldur, J. Kals, V. Ööpik, A. Burk, K. Zilmer, M. Zilmer, E. Unt (Estonia)*
Effect of acclimation on arterial elasticity and endurance capacity in young men in the heat

14.15 – 14.30 *E. Balčiūnas, R. Dadelienė, J. Skernevičius,L. Tubelis (Lithuania)*
Typical features of kayakers physical development, physical preparedness and functional capacity

14.30 – 14.45 *R. Solianik, D.Parulytė, N. Masiulis, A. Skurvydas, V. Aleknavičiūtė, V. Streckis, V. Dudonienė (Lithuania)*
Accurate and fast movement performance in the lower extremity: normal vs. Anterior cruciate ligament reconstructed knees

14.45 – 15.00 *K. Leisson, K. Alev, P. Kaasik, Ü. Jaakma, T. Seene (Estonia)*
Endurance and speed capacity of akhal-teke horses

15.00 – 15.15 *D. Vahtrik, H. Gapeyeva, H. Aibast, J. Ereline, T. Kums, T. Haviko, A. M. Rätsepsoo, Märtson, G. Schneider, M. Pääsuke (Estonia)*
Quadriceps femoris muscle force generation and relaxation capacity after total knee arthroplasty

15.15 – 15.30 *R. Sakalauskaitė, D. Satkunskienė (Lithuania)*
A new foot type classification scale for foot arch evaluation

15.30 – 15.45 *A. Kaupuzs, V. Larins (Latvia)*
A cross-sectional analysis of physical activity, psychological determinants and health related variables of Latvian older adults

15.45 – 16.00 *A. Rikberg, L. Raudsepp, K. Kais (Estonia)*
Congruence of actual and retrospective reports of precompetition affect and anxiety for young volleyball players

Exercise Biology II
(Pirogov)
April 8, 2011

Chairs: **Prof. V. Ööpik (Estonia)**
Prof. A. Stasiulis (Lithuania)
Prof. I. Pontaga (Latvia)

14.00 – 14.15 *A.-L. Parm, J. Jürimäe, M. Saar, K. Pärna, V. Tillmann, K. Maasalu, I. Neissaar, T. Jürimäe (Estonia)*
Plasma adipocytokine levels in relation to bone mineral density in prepubertal rhythmic gymnasts

14.15 – 14.30 *J. Sagim, K. Alev, P. Kaasik, A. Pehme (Estonia)*
Effect of resistance training on fast skeletal muscle morpho-functional parameters

14.30 – 14.45 *T. Koovit, H. Aibast, J. Ereline, H. Gapayeva, T. Kums, M. Pääsuke (Estonia)*
Differences in leg extensor muscle force-generation capacity in young and elderly men

14.45 – 15.00 *R. Rämson (Estonia)*
The changes of perceived recovery-stress state, cytokines and ghrelin during high volume training period

15.00 – 15.15 *L. Utsal, J. Jürimäe, P. Purge, J. Mäestu, M. Saar, E. Lätt, V. Tillmann, M. Zilmer, T. Jürimäe (Estonia)*
Associations of different inflammatory markers with body fat mass in 11-year old overweight boys

15.15 – 15.30 *S. Vaiksaar, J. Jürimäe, J. Mäestu, P. Purge, T. Jürimäe (Estonia)*
Menstrual cycle phase has no effect on fuel oxidation during submaximal exercise in endurance-trained rowers

15.30 – 15.45 *G. Onusaityté, A. Skarbalius (Lithuania)*
Physiological profile of semi profesional female handball

15.45 – 16.00 *H. Aibast, H. Gapeyeva, T. Kums, J. Ereline, M. Pääsuke (Estonia)*
Baropodometric and plantarflexor muscle strength characteristics in power- and endurance-trained men

Kinesiology and Physiotherapy
(Krause)
April 8, 2011

Chairs: **Prof. M. Pääsuke (Estonia)**
Prof. A Paeglitis (Latvia)
Prof. D. Satkunskiene (Lithuania)

14.00 – 14.15 *D. Parulyté, N. Masiulis, V. Aleknavičiūté, R. Solianik, G. Dargevičiūté, A. Skurvydas (Lithuania)*
Pilot study: does functional tests performance depends on dynamic strength in ACL ruptured patients?

14.15 – 14.30 *V. Aleknavičiūté, D. Parulyté, R. Solianik, N. Masiulis, A. Skurvydas (Lithuania)*
Variability of torque during isometric knee extension and flexion muscles strength after anterior cruciate ligament rupture

14.30 – 14.45 *N. Baranauskiene, A. Stasiulis (Lithuania)*
Changes in EMG of m. m. vastus lateralis and medialis during heavy cycling one and 24 hours after one leg eccentric exercise

14.45 – 15.00 *M. Lescinskis, L. Cupriks, U. Ciematnieks, S. Saulīte, S. Rozenstoka, A. Lāce (Latvia)*
Dynamics of forearm muscle parameters and competition exercises of kettlebell lifters in different training periods

15.00 – 15.15 *O. Ates, A. Burk, K. Karelson, K. Jagomägi, R.Raamat, J. Talts, H.B. Cotuk, V.Ööpik (Turkey, Estonia)*
Time dependent changes of heart rate variability during head up tilt test

15.15 – 15.30 *R. Solianik, A. Skurvydas, M. Brazaitis, G. Dargevičiūté, N. Masiulis, D. Parulyté (Lithuania)*
Age-related motor performance: blocked vs random task

15.30 – 15.45 *G. Dargevičiūté, N. Masiulis, R. Solianik (Lithuania)*
Force depression dependency on low frequency fatigue and work done

15.45 – 16.00 *A. Ivuškans (Estonia)*
Relationships between somatotype components and bone parameters in prepubertal boys

Coaching Science
(Ewers)
April 8, 2011

Chairs: **Prof. J. Jürimäe (Estonia)**
Prof. K. Milasius (Lithuania)
Prof. V. Issurin (Israel)

14.00 – 14.15 *A. Zusa, J. Lanka, A. Paeglitis, V. Fedotova (Latvia)*
Analysis of young tennis players' statics of the locomotor system

14.15 – 14.30 *K. Matulaitis, A. Skarbalius (Lithuania)*
Case study of long-term training of male basketball players aged 7-17 years in "sabonis' basketball centre"

14.30 – 14.45 *D. Vaitkevičiūté, K. Milašius, J. Skernevičius (Lithuania)*
The characteristics of training, physical strength and functional ability variations for Lithuania's world champion runner-up and world cup champion pentathlete

14.45 – 15.00 *M. Zienius, A. Skarbalius (Lithuania)*
Peculiarities of performance indicators on the professional golf association tour 2010

15.00 – 15.15 *M. Mooses (Estonia)*
Differences between Estonian long and middle distance runners' functional, anthropometrical and body composition parameters

15.15 – 15.30 *T. Rääsk (Estonia)*
Relationship between anthropometrical parameters and swimming performance among young male swimmers

15.30 – 15.45 *S. Saulite, L. Cupriks, V. Fedotova, U. Ciematnieks, M. Lescinskis (Latvia)*
Developing of kicking speed qualities in taekwondo

15.45 – 16.00 *K. Pärna, A.-L. Parm, M. Saar, T. Jürimäe, J. Jürimäe (Estonia)*
The influence of anthropometrical parameters to the specific gymnastics tests in young rhythmic gymnasts

Social Sciences in Sport
(Grindel)
April 8, 2011

Chairs: **Prof. J. Grants (Latvia)**
Assoc. Prof. V. Hein (Estonia)
Prof. A. Skarbalius (Lithuania)

14.00 – 14.15 *J. Matsi (Estonia)*
Preliminary comparison of linear vs. curve-linear relationship pattern analysis based on exercise motivation and related variables

14.15 – 14.30 *A. Caune, V. Hein (Estonia)*
Differences of the constructs related to motivation in physical education among Latvian and Estonian schoolchildren

14.30 – 14.45 *D. Gražulis, D. Radžiukynas, V. Jančiauskas (Lithuania)*
Factors that encourage young people practicing soccer

14.45 – 15.00 *D. Kudaba, A. Vilkas (Lithuania)*
Influence of orienteering sport coaches operational competence to the training process

15.00 – 15.15 *A. Medonis, V. Blauzdys (Lithuania)*
Development of personal competence of adolescents employing physical self-education process

15.15 – 15.30 *A. Kisieliene (Lithuania)*
The expression of self-determination and aggression by judo athletes and basketball players

15.30 – 15.45 *S. Luika (Latvia)*
Realization of governmental sport politics in Latvia

15.45 – 16.00 *S. Sabaliauskas, S. Poteliūnienė (Lithuania)*
Causal conditions for effective interaction between elite athletes and their coaches from coaches' point of view

POSTER PRESENTATIONS

April 8, 2011

Exposition: from 9.00
Presentation: 16.00 – 17.30

S. Anisimova, A. Fernate (Latvia)
Correlation between functional tests results and physical activity level in 55-65 year-old women

D. Belyukov (Russia)
Sports history of Pskov province in pre-soviet period

I. Bula - Biteniece, R. Jansone, J. Grants (Latvia)
Family sport in preschool education

U. Ciematnieks, L. Čupriks, N. Keizāns, M. Lesčinskis, S. Saulīte (Latvia)
Immediate effect of vibrostimulation

B. Donuk (Turkey)
The examination of sport managers and coaches' stress levels and depressed mood at work

I. Dravniece (Latvia)
Comparison of results in study course "movement games" in LASE

Z. Galeja, A. Paeglitis, E. Eglitis (Latvia)
Influence of functional state of cervical vertebra on regulation of tone of anterior part of neck muscles

A. Gedvilaite (Lithuania)
Evaluation of the sport strategy project in Lithuania

V. Ginevičiene, A. Jakaitiene, K. Milašius, L. Tubelis, V. Kucinskas (Lithuania)
Association analysis of the ACE and ACTN3 polymorphisms with physical performance phenotypes in Lithuanian athletes

M. Jakovleva, J. Zidens, A. Fernate (Latvia)
Coach opinion about the opportunities, participation and motivating factors of further education in Latvia

K. Jansen, L. Esko, M. Luik, V. Viljasoo, J. Ereline, H. Gapeyeva, H. Aibast, M. Pääsuke (Estonia)
Subjective and objective workload assessment in male tile layers

A. Kamar, Ö.C. Göksu (Turkey)
The effects of Astrand and 3 step test on the values of circulation parameters, leukocyte, neutrophyl and lymphocyte

P.S. Kaimbacher, E. Tafeit, R. Möller, K. Sudi, S.J. Wallner-Liebmann, P. Scheer, M. Dunitz-Scheer (Austria)
Subcutaneous adipose tissue topography (sat-top) development in young children

M. Katinas, V. Lemezis (Lithuania)
Aspects of co – ordination abilities training in 10–11 years old football players by the way of use of nonstandard balls

A. Kholodnova, A. Stasiulis (Latvia, Lithuania)
Influence of coral calcium "coral mine" on working capacity and restoration of sportsmen after loading

V. Kontautiené, A. Vilkas (Lithuania)
Correlation between 9-10 year old students' self-control skills and subjective social adaptation

T. Kums, H. Pilt, H. Gapeyeva, H. Aibast, J. Ereline, K. Jansen, V. Viljasoo, M. Pääsuke (Estonia)
Whole-body vibration and postural control ability in middle-aged men

I. Liepina, D. Krauksta (Latvia)
Games for development of balance for climbing sportists

E. Maciuleviciene, K. Kardelis, S. Domarkiene (Lithuania)
Adults subjective health evaluation and their interrelation to socio-demographic and health risk factors

E. Maciuleviciene, R. Sadzeviciene (Lithuania)
Different physical activity schoolchildren approach to physical education

E. Maciuleviciene, R. Sadzeviciene (Lithuania)
Family influence on England and Lithuanian 9th grade students physical activity

E. Maciuleviciene, R. Sadzeviciene, O. Smirnoviene (Lithuania)
The changes of physical fitness in Lithuanian schoolgirls

E. Maciuleviciene, R. Sadzeviciene (Lithuania)
Vigorous physical activity content in adolescent boys

D. Mickeviciene, K. Motiejûnaité, A. Skurvydas, D. Karanauskiené, V. Mickevicius (Lithuania)
Is intraindividual variability of motor performance different between unilateral and bimanual speed-accuracy tasks?

A. Molotanovs, J. Žīdens, R. Līcis (Latvia)
Correlation between functional results and competition of the handball goalkeeper

K. Motiejûnaité, D. Mickevićiené, A. Skurvydas, K. Pukénas, D. Karanauskiené (Lithuania)
Gender-dependent bimanual task performance

S. Pajaujiene, R. Jankauskiene (Lithuania)
The relationships between addictions, exercising, weight reduction behavior and risk of eating disorders in the sample of 11th students

I. Pontaga (Latvia)
Knee joint stability estimation by hamstrings/ quadriceps femoris muscles torques ratios in range of movements

I. Pontaga (Latvia)
Adaptation of human tibia bone tissue characteristics to regular physical loads

R. Rutkauskaite, D. Bujaunauskas (Lithuania)
Family and friend influence on schoolchildren's physical activity

R. Rutkauskaité, A. Emeljanovas, V. Volbekiené, E. Maciulevičiené, R. Sadzevičiené, O. Batutis (Lithuania)
Relationships between physical activity and physical fitness in Lithuanian schoolboys

R. Rutkauskaite, A. Emeljanovas, I. Valantiniene, D. Novak (Lithuania, Croatia)
Relationship between physical activity and health-related physical fitness of 17-year-old girls

R. Rutkauskaite, A. Emeljanovas, D. Novak, J. Poderys (Lithuania, Croatia)
Impact of training in sports games and cyclic sports events on muscules and cardiovascular system of 11 –14 years old boys

M. Saar, T. Jürimäe, M. Pääsuke, T. Kums, H. Gapeyeva, J. Ereline, J. Jürimäe (Estonia)
Relationships between contraction properties of knee extensor muscles and fasting IGF-1 and adipocytokines in physically active postmenopausal women

I. Sağiroğlu, O. Ateş, M. E. Önen, M. Kayatekin, I. Semin (Turkey)
Effect of plyometric training on vertical jump performance and anaerobic capacity in young basketball players

V. Skyriene, T. Sibik (Lithuania)
Analysis on the efficiency of the swim start improvement program

B. Smila, V. Zaļaiskalna, Andra Fernate (Latvia)
Young orienteers` balance improvement

I. Smuka, D. Krauksta (Latvia)
Daily physical activity habit level for children

B. Statkevičiené (Lithuania)
2010 world masters swimming championship results evaluation in 200m -800m distances

B. Statkevičiené (Lithuania)
Lithuania's all time swimming championships and their champions

A. Suprun, Y. Medvedeva (Russia)
Major training algorithmization in rhythmic gymnastics considering psychological and physiological peculiarities of sportswomen

K. Tammik, L. Pilt (Estonia)
Motor development of 5- year- old children with iron deficiency anemia and iron deficiency in infancy

S. Timpmann, A. Burk, L. Medijainen, M. Tamm, K. Kreegipuu, E.Unt, V. Ööpik (Estonia)
Effects of sodium citrate on recovery after rapid body mass loss in wrestlers

S. Valo, T. Janson (Estonia)
Falls as risk factors of health problems of elderly: occurrence, consequences and measures for prevention in Estonia

R. Viira, A. Koka (Estonia)
Does students' motivational responses toward physical education are correlated with after-school sport participation?

I. J. Zuoziene (Lithuania)
Did the increase in the results of competitive swimming cease after banning the use of new technology swimming suits?

ORAL PRESENTATIONS

Kinesiology and Physiotherapy

(Baer)
April 9, 2011

Session I
Chairs: **Prof. L. Raudsepp (Estonia)**
Prof. J. Lanka (Latvia)
Prof. R. Rutkauskaite (Lithuania)

9.00 – 9.15 *P. Kaasik, K. Alev, M. Aru, A. Pehme, R. Puhke, L. Lahe, E.-L. Rahusoo (Estonia)*
Dynamics of myogenetic response followed after myotoxin- caused muscle damage

9.15 – 9.30 *J. Jürgenson, P. Kampus, M. Zagura, V. Ööpik, K. Karelson, M. Viru, E. Unt (Estonia)*
Effect of strength training on arterial stiffness and blood pressure in powerlifting athletes

9.30 – 9.45 *T. Jallai, J. Ereline, T. Kums, H. Aibast, H. Gapejeva, M. Pääsuke (Estonia)*
Physiological characteristics of male basketball players during pre-season phase: a pilot study

9.45 – 10.00 *A.Klonova, A.Cicchella, J.Klonovs (Latvia, Italy)*
Biomechanical analysis of partners' contact in standard dances using motion capture smart system 2011

10.00 – 10.15 *P. Purge, J. Mäestu, M. Saar, E. Lätt, R. Rämson, L. Utsal, T. Jürimäe, J. Jürimäe (Estonia)*
The effect of time in sport training to physical performance and anthropometrical parameters in 10-11 year old young boys

10.15 – 10.30

10.30 – 11.00 **Coffee break**

Session II
Chairs: **Prof. A. Stasiulis (Lithuania)**
Prof. A. Paeglitis (Latvia)
Prof. M.Pääsuke (Estonia)

11.00 – 11.15 *L. Straubergaite, K. Muckus, L. Škikas (Lithuania)*
The effect of physical therapy on the symmetry of passive mechanical properties of muscles of children with and without cerebral palsy

11.15 – 11.30 *R. Dadelienė, J. Skernevičius, R. Paulauskas. A. Šatas (Lithuania)*

Changes of physical development and functional capacity of deaf basketball players (women) during preparatory period for 21 summer deaf Olympic Games

11.30 – 11.45 *M. Pääsuke, J. Ereline, H. Gapeyeva, T. Kums, H. Aibast, M. Leht, M. Nigul, R. Pääsuke, E. Seppet (Estonia)*
Quadriceps femoris muscle force production capacity and volume in moderately physically active young and elderly women

11.45 – 12.00 *J. Sokk, H. Gapeyeva, J. Ereline, M. Merila, M. Pääsuke (Estonia)*
Recovery of shoulder function after manipulation under general anesthesia in frozen shoulder syndrome patients – six months follow-up study

12.00 – 12.15 *H. Gapeyeva, H. Aibast, J. Ereline, T. Kums, K. Jansen, M. Pääsuke (Estonia)*
Postural stability of stance in female endurance trained athletes versus moderately physically active women aged 18-26 years

12.15 – 12.30 *E. Johanson, J. Ereline, H. Gapeyeva, M. Pääsuke, S.Brumagne (Estonia, Belgium)*
Back extensor muscle fatigability and postural control in people with low back pain

12.30 – 13.00 **General conclusion and closing**

13.00 – 14.00 **Lunch and departure**

ORAL PRESENTATIONS

Physical Activity and Health
(Peterson)
April 9, 2011

Session I
Chairs: **Prof. A. Raslanas (Lithuania)**
Prof. I. Pontaga (Latvia)
Prof. T. Seene (Estonia)

9.00 – 9.15 *A. Koka, R. Viira (Estonia)*
Causal relationships between global self-esteem and health-related quality of life among adolescents

9.15 – 9.30 *R. Žilinskienė, J. Armonienė (Lithuania)*
Attitude of the university students towards their health, physical activity and self-dependent physical development

9.30 – 9.45 *M. Kull, J. Matsi, L. Raudsepp (Estonia)*
What is more important for health – the domain of physical activity or amount of physical activity?

9.45 – 10.00 *A. Burk, S. Timpmann, K. Kreegipuu, M. Tamm, K. Karelson L. Medijainen, E. Unt, V. Ööpik (Estonia)*
Effects of acclimation on endocrine response to exercise in young men in the heat

10.00 – 10.15 *V. Fedotova, V. Pilipiv (Latvia)*
Timing rhythm in female lugers' starts

10.15 – 10.30

10.30 – 11.00 **Coffee break**

12.30 – 13.00 **General conclusion and closing**

13.00 – 14.00 **Lunch and departure**