

# I INTERNATIONAL SCIENTIFIC CONFERENCE

## “Morpho-biomechanical and psycho-physical aspects of youth lifestyle in V4 countries”.

29th of November 2013

Organizers:



Kazimierz Wielki University in Bydgoszcz

Institute of Physical Culture

In cooperation with the:

- 1) Matei Bel University in Banska Bystrica,
- 2) University of Debrecen
- 3) Palacky University in Olomouc
- 4) National University of Physical Education and Sport of Ukraine in Kiev



MARSZAŁEK WOJEWÓDZTWA  
KUJAWSKO-POMORSKIEGO  
Piotr Całbecki

THE HONORARY PATRONAGE:



PREZYDENT BYDGOSZCZY  
Rafał Bruski

I INTERNATIONAL SCIENTIFIC CONFERENCE  
“Morpho-biomechanical and psycho-physical aspects  
of youth lifestyle in V4 countries”

Visegrad Fund



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dr n. med. Olgierd Pilecki,  
dr n. med. Celestyna Miła-Kierzenkowska  
dr n. med. Elżbieta Piskorska  
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dr Andrzej Kochanowicz,  
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dr Alicja Kostencka,  
dr Petr Reich.

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mgr Adam Szulc – *vice-chairman*,  
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mgr Eugeniusz Kujawa  
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mgr Anna Szot,  
mgr Agnieszka Perzyńska,  
mgr Joanna Nowak.



## Conference Sessions & lecturers

<b>8:00</b>	<b>REGISTRATION</b> ( <i>main hall</i> )
<b>10:30</b>	<b>OPENING OF THE CONFERENCE</b> ( <i>hall A</i> )
<b>11:00</b>	<b>PLENARY SESSION</b> ( <i>hall A</i> )
<b>12:15</b>	<b>COFFEE BREAK</b>
<b>12:40</b>	<b>SPONSOR'S PRESENTATION DENMED</b> ( <i>hall A</i> )
<b>13:10</b>	<b>SESSIONS: II</b> ( <i>hall A</i> ), <b>III</b> ( <i>hall B</i> )
<b>15:15</b>	<b>LUNCH</b> ( <i>restaurant</i> )
<b>16:20</b>	<b>SESSIONS: IV</b> ( <i>hall A</i> ), <b>V</b> ( <i>hall B</i> ), <b>VI</b> ( <i>hall C</i> )
<b>17:45</b>	<b>COFFEE BREAK</b>
<b>19:30</b>	<b>CONFERENCE ENDING</b> ( <i>hall A</i> )

### Hall A

#### PLENARY SESSION

**moderators: prof. dr hab. Sergiej Iermakov, prof. dr hab. Wojciech Przybylski, prof. dr hab. Viktor Mishchenko**

- 11:00 Session start
- 11:15 **Prof. dr hab. Karol Görner**, Banská Bystrica, Slovakia; *Interpersonal relations between individuals dedicated to custom extreme sports and social groups prefer the risk*
- 11:30 **dr hab. Włodzimierz Erdmann, prof. nadzw.**, Gdańsk, Poland; *Morphological biomechanics in physical education and sport*
- 11:45 **Prof. Myroslav Dutchak**, Kyiv, Ukraine; *Preparation of Bachelors in the Field of Training "Human Health" in Ukraine.*
- 12:00 **Prof. Pavol Bartik**, Banská Bystrica, Slovakia; *Sports activities as a prevention of drugs using among young people*

#### **12:40 - Sponsor's presentation Denmed**

#### SESSION II - HEALTH-RELATED BEHAVIORS IN HUMAN LIFE

**moderators: Prof. dr hab. Karol Görner, Prof. dr hab. Pavol Bartik**

- 13:10 Session start
- 13:15 **František Langer**, Olomouc, Czech Republic; *Health risk of early specialization in young athletes*
- 13:30 **Ludmila Miklánková**, Olomouc, Czech Republic; *Some specifics catering children at primary school*
- 13:45 **Zuzanna Piekorz, Marcin Siedlaczek**, Bydgoszcz, Poland; *Health-oriented meaning of recreational hatha yoga physical activity – report on the research of UMK Torun tourism and recreation students*
- 14:00 **Natalia Mataczyńska**, Bydgoszcz, Poland; *Physical activity and psychoactive substance use among adolescents - case study*
- 14:15 **Dorota Rogala**, Bydgoszcz, Poland; *Pain in the lower part of the spine and physical activity during pregnancy*
- 14:30 **Mirosław Mrozkowiak**, Bydgoszcz, Poland; *An attempt to determine the importance of "GOOD CHAIR" in the prevention of body posture disorders*
- 14:45 **Joanna Simińska**, Bydgoszcz, Poland; *Assessment of school youth health behavior*
- 15:00 **Jakub Kortas**, Gdańsk, Poland; *Health training and the strength of women aged 60 - 69 years*



## **SESSION IV - PHYSICAL ACTIVITY IN SCIENTIFIC RESEARCH**

**moderators: dr hab. Marek Napierała, prof. nadzw., dr hab. Walery Żukow, prof. nadzw.**

- 16:20 Session start
- 16:30 **Zsuzsa Erdélyi**, Debrecen, Hungary; *Physical state of the students in a high school in Debrecen*
- 16:45 **Tereza Vrbova**, Olomouc, Czech Republic; *Dance in Education in V4 countries*
- 17:00 **Petr Reich**, Olomouc, Czech Republic; *Environment as a determinant of the level of the physical activity of 16-17 years old adolescents*
- 17:15 **Julia Csernoch**, Debrecen, Hungary; *A poorly carried out good intention - Everyday PE in Hungary*
- 17:30 **Jerzy Eksterowicz**, Bydgoszcz, Poland; *Indicators construction somatic students Kazimierz Wielki University in Bydgoszcz of physical education in 2013*

### **17:45 – 18:15 – Coffee break**

- 18:15 **Robert Stępnia**k, Bydgoszcz, Poland; *Shaping the motor abilities of children practicing various discipline of sports*
- 18:30 **Magdalena Rokicka-Hebel**, Gdańsk, Poland; *Physical education in nursery schools of Gdansk*
- 18:45 **Joanna Simińska**, Bydgoszcz, Poland; *Fun and Games as a form of motor learning*
- 19:00 **Tomasz Zegarski**, Bydgoszcz, Poland; *Comparison of the physical fitness of Polish and Scandinavian students of Medicine*
- 19:15 **Jan Mieszkowski**, Bydgoszcz, Poland; *Differences in physical fitness of first-year female students of Collegium Medicum in Bydgoszcz in 2010/2011*

## **HALL B**

### **SESSION III - APPLIED SPORTS SCIENCE AND OUTDOOR ACTIVITIES**

**moderators: prof. dr hab. Wojciech Przybylski, prof. dr hab. Viktor Mishchenko, dr hab. Kazimierz Kochanowicz, prof. nadzw.**

- 13:10 Session start
- 13:15 **Piotr Biegański**, Bydgoszcz, Poland; *Postural stability of young football players against their physically inactive peers*
- 13:30 **Miroslava Přidalová**, Olomouc, Czech Republic; *Changes of body composition in young football players during ontogenesis*
- 13:45 **Dominika Wilczyńska**, Gdańsk, Poland; *Visualization based on implementation of intention and effectiveness in team sports*
- 14:00 **Tomasz Waldziński**, Gdańsk, Poland; *Coordinative physical abilities of boys aged 9-12 practicing tennis*
- 14:15 **Andrzej Kochanowicz**, Gdańsk, Poland; *The morphological characteristics and the level of technical preparation gymnasts aged 9-12 years*
- 14:30 **Kamil Kaluziński**, Gdańsk, Poland; *The evaluation of movement capabilities among rowers on various sport levels. Attempt to select the most important coordination elements needed to achieve best results in sport*
- 14:45 **Łukasz Wilgocki**, Warszawa, Poland; *The Functional Movement Screening Tests and their relevance to injury prevention among female basketball players*
- 15:00 **Agnieszka Perzyńska**, Gdańsk, Poland; *Gymnastic and dance forms in theory and practice*



## **SESSION V - PSYCHOLOGICAL, PEDAGOGICAL AND SOCIOLOGICAL ASPECTS OF HEALTH AND PHYSICAL ACTIVITY**

moderators: prof. dr hab. Sergiej Iermakov, dr hab. Radosław Muszkieta, prof. nadzw.

- 16:30 **Dominik Bernatowicz**, Bydgoszcz, Poland; *A review of research on personality and temperament among Polish athletes*
- 16:45 **Andrzej Lewandowski**, Bydgoszcz, Poland; *Individual professional properties of physiotherapists in the opinion of patients of private rehabilitation centres*
- 17:00 **Monika Żmudzka-Brodnicka**, Gdańsk, Poland; *The role of media in popularizing physical activity of young Polish people*
- 17:15 **Hanna Liberska, Klaudia Boniecka**, Bydgoszcz, Poland; *Parental attitudes of parents whose children are obese and overweight*
- 17:30 **Anna Eksterowicz**, Grodno, Belarus; *Positive influence of sport on decrease of the level of the aggressiveness among young people.*

**17:45 – 18:15 – Coffee break**

- 18:15 **Tatiana Sataieva**, Simferopol, Ukraine; *Psychological problems of teenagers who show tendencies for drug addictions*
- 18:30 **Kinga Sobieralska Michalak**, Bydgoszcz Poland; *Personal competences – a factor increasing risk of physical injuries among young athletes*
- 18:45 **Kamila Litwic-Kaminska**, Bydgoszcz, Poland; *Chosen psychosocial and somatic determinants of stress in athletes*
- 19:00 **Aleksandra Eliza Daniluk**, Szczecin, Poland; *Factors influencing aggressive behavior among young people*
- 19:15 **Ewelina Kornelia Kamasz**, Bydgoszcz, Poland; *Gender and sexuality in sports*

## **HALL C**

### **SESSION VI - BIOMEDICAL AND BIOMECHANICAL ASPECTS OF PHYSICAL ACTIVITY**

moderators: dr hab. Małgorzata Łukowicz, prof. nadzw., dr n. med. Celestyna Mila-Kierzenkowska

- 16:20 Session start
- 16:30 **Mirosław Mrozkowiak**, Bydgoszcz, Poland; *Algorithm for physiological spinal curvature within normative range*
- 16:45 **Joanna Nowak**, Bydgoszcz, Poland; *Simulations of creep in lymphedematous tissue under the load of the modified Harpenden caliper tip.*
- 17:00 **Beata Kuriata**, Wrocław, Poland; *Efficacy of learning motor activities by hearing-impaired girls and boys as a factor their physical activity level*
- 17:15 **Piotr Oźóg, Andrzej Karol Pastwa**, Bydgoszcz, Poland; *The influence of the sonotherapy and the vibroacoustic therapy on the functioning of people suffering from gonarthrosis: randomised research*
- 17:30 **Anna Srokowska**, Bydgoszcz, Poland; *An objective evaluation of the feet during walking of the participants of the National Football Championships - Special Olympics in Bydgoszcz*

**17:45 – 18:15 – Coffee break**

- 18:15 **Maciej Tomasz Zawadzki**, Szczecin, Poland; *Chosen organizational questions about corrective swimming and in-water corrective exercises in case of scoliosis*
- 18:30 **Andrzej Lewandowski**, Bydgoszcz, Poland; *Rugby and physical fitness of people with tetraplegia*
- 18:45 **Marcin Siedlaczek**, Bydgoszcz, Poland; *Objective Assessment of the lower limbs explosive strength performed on the participants of the Polish Nationwide Special Olympics Football Tournament in the scope of both legs jump on the dynamographic platform*
- 19:00 **Dawid Natański, Adrianna Mielcarek**, Bydgoszcz, Poland; *Effectiveness of ultrasound therapy with manual therapy and exercises in patients with shoulder impingement syndrome*
- 19:15 **Anna Lubkowska, Aleksanda Dobek**, Szczecin, Poland; *Serum leptin concentration according to body composition in overweight healthy humans*



**PLACE**

*CWZS "Zawisza" Bydgoszcz, Main Buliding  
ul. Gdańska 163  
85-915 Bydgoszcz*

**DATE**

*29th of November 2013*

**PRESENTATION FORM**

*invited lectures,  
oral presentations – 10 min.,*

**ORGANIZER ADDRESS**

**Uniwersytet Kazimierza Wielkiego**  
**Instytut Kultury Fizycznej**  
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