

University of Niš

Faculty of Sport and Physical Education



**Program of Scientific Conference
„FIS COMMUNICATIONS 2015“**

(Niš, Serbia, october 15-17th, 2015)

Niš, 2015.



Thursday 15.10.2015. 12 ⁰⁰ - 20 ⁰⁰	
12 ⁰⁰ -14 ⁰⁰	<i>Participants' arrival</i>
14 ⁰⁰ -16 ⁰⁰	<i>Accommodation</i>
16 ⁰⁰ -20 ⁰⁰	<i>Registration (Faculty of Sport and Physical Education)</i>

Friday 16.10.2015. 08 ³⁰ – 10 ³⁰	
08 ³⁰ -10 ⁰⁰	<i>Registration (Faculty of Sport and Physical Education)</i>
10 ⁰⁰ -10 ³⁰	<i>Opening ceremony (Amphitheatre, Faculty of Sport and Physical Education)</i>

Friday 16.10.2015. 10 ³⁰ - 12 ⁰⁰ <i>Plenary Session – Amphitheater - Ground floor</i>	
10 ³⁰ -11 ⁰⁰	<i>The effects of physical activity and inactivity on the musculoskeletal system in old age</i> <i>Marco Narici (President of ECSS; University of Nottingham, UK)</i>
11 ⁰⁰ -11 ³⁰	<i>Basic steps and spatial-temporal dimensions in the process of skills acquisition in alpine skiing</i> <i>Rado Pišot (University of Primorska, Slovenia) and Blaž Lešnik (University of Ljubljana, Slovenia)</i>
11 ³⁰ -12 ⁰⁰	<i>Force-velocity relationship: How to train to get stronger, faster or both?</i> <i>Aleksandar Nedeljković (University of Belgrade, Serbia)</i>

Friday 16.10.2015. 12 ⁰⁰ - 14 ⁰⁰	
12 ⁰⁰ -13 ⁰⁰	<i>Coffee break</i>
13 ⁰⁰ -14 ⁰⁰	<i>Workshop–Assessment of musculoskeletal potential and body composition (TMG System 100; In Body; ...)</i>



Friday 16.10.2015. 14⁰⁰ - 17⁰⁰
Session SPORT – Amphitheater - Ground floor

Chairman: Saša Veličković and Milivoj Dopsaj

14⁰⁰-14¹⁰	<i>Relations of morphological characteristics and motor abilities in U-15 soccer players</i> <i>Marko Erceg, Zoran Grgantov and Mirjana Milić</i>
14¹⁰-14²⁰	<i>Application of motoric measuring instruments in the process of talent identification for artistic gymnastics</i> <i>Saša Veličković, Miloš Paunović, Slavoljub Uzunović, Nikola Stojanović, Dejan Madić, and Vladan Vukašinović</i>
14²⁰-14³⁰	<i>Motoric polygon as an instrument for selection in gymnastics</i> <i>Emilija Petković, Aleksandar Joksimović, Ana Stanković and Hasim Mekić</i>
14³⁰-14⁴⁰	<i>Effects of medicine ball training on explosive strength in competitive volleyball players</i> <i>Dragan Nejić, Nebojša Trajković and Katarina Nejić</i>
14⁴⁰-14⁵⁰	<i>Qualitative analysis of counter attack in football – the final of the Champions league 2014/2015</i> <i>Aleksandar Janković, Bojan Leontijević and Marko Drekalović</i>
14⁵⁰-15⁰⁰	<i>Anxiety as predictor of success among young judokas</i> <i>Ante Vladimir Batinić, Saša Krstulović and Igor Jelaska</i>
15⁰⁰-15¹⁰	<i>The differences in emotional intelligence of individual athletes considering the type of the sport and their performance</i> <i>Petar Mitić, Aleksandar Milojević and Dušan Todorović</i>
15¹⁰-15²⁰	<i>Relations between neuromuscular contractile properties of leg muscles measured with isokinetic and TMG methods pilot study</i> <i>Lazar Toskić, Milivoj Dopsaj, Nenad Koropanovski, Velimir Jeknić</i>
15²⁰-15³⁰	<i>The effects of plyometric training on the motor skills of female basketball players</i> <i>Dušan Nikolić, Miodrag Kocić, Dragana Berić and Marko Jezdimirović</i>



15 ³⁰ -15 ⁴⁰	<i>Difference of the certain technical-tactical characteristics of elite free-style wrestlers in success function</i> <i>Milan Marković and Goran Kasum</i>
15 ⁴⁰ -15 ⁵⁰	<i>The effects on dry-land resistance training on swimming performance on swimmers aged between 10 to 14 years: a systematic review study</i> <i>Stefan Đorđević, Armin Paravlić, Tomislav Okičić, Dejan Madić, Marko Đurović, Milan Pešić and Bojan Jorgić</i>
15 ⁵⁰ -16 ⁰⁰	<i>The use of thermovision camera in sport</i> <i>Nenad Stojiljković, Petar Đekić, Ljubomir Pavlović and Vladimir Antić</i>
16 ⁰⁰ -16 ¹⁰	<i>Specific field test used in judo</i> <i>Stevan Stamenković, Nikola Milošević and Mateja Cvetković</i>
16 ¹⁰ -16 ²⁰	<i>Historical aspect of performance analysis in judo</i> <i>Nemanja Stanković, Milovan Bratić and Andrijan Tasić</i>

Friday 16.10.2015. 14⁰⁰ - 17⁰⁰ Session PHYSICAL EDUCATION – Classroom 219 - First floor	
Chairman: Branislav Dragić and Živorad Marković	
14 ⁰⁰ -14 ¹⁰	<i>Impact of selected sports volleyball and basketball on the development of speed, strength and agility in the seventh grade primary school female pupils</i> <i>Branislav Dragić, Dragan Nejić, Katarina Nejić and Miodrag Petrov</i>
14 ¹⁰ -14 ²⁰	<i>Active time of exercising with directed activities</i> <i>Živorad Marković and Aleksandar Ignjatović</i>
14 ²⁰ -14 ³⁰	<i>Dimorphic differences in body composition of pre-school children</i> <i>Vladan Pelemiš, Momčilo Pelemiš and Predrag Branković</i>
14 ³⁰ -14 ⁴⁰	<i>Developmental coordination disorder on the physical education class</i> <i>Milena Živković and Saša Đurić</i>
14 ⁴⁰ -14 ⁵⁰	<i>The impact of functional training method on the development of repetitive body muscle strength with the seventh grade primary school pupils</i> <i>Miroslav Marković, Bojan Mitrović and Dragoljub Višnjić</i>



14 ⁵⁰ -15 ⁰⁰	<i>The influence of elite sport on children's health</i> <i>Darina Zaharieva</i>
15 ⁰⁰ -15 ¹⁰	<i>Canonical correlation between functional abilities and motor agility in primary school pupils</i> <i>Nataša Branković, Darko Stojanović, Hadži Saša Ilić and Dejan Stojiljković</i>
15 ¹⁰ -15 ²⁰	<i>The frequency of scoliotic body posture among young children in Knjaževac</i> <i>Bojan Jorgić, Marina Milenković, Saša Milenković, Ratko Stanković, Saša Bujanj and Slavko Ždrale</i>
15 ²⁰ -15 ³⁰	<i>Impact of station work method on the development of morphological characteristics and dynamic strength in pre-puberty pupils</i> <i>Dejan Stojiljković, Danica Piršl and Nataša Branković</i>
15 ³⁰ -15 ⁴⁰	<i>Relationship between physical activity of children and cognitive abilities</i> <i>Nemanja Cvetković, Dušan Nikolić and Nenad Djordjević</i>
15 ⁴⁰ -15 ⁵⁰	<i>NTC method implementation in the development of early motor abilities</i> <i>Ranko Rajović, Lidija Stenovec and Dragana Berić</i>
15 ⁵⁰ -16 ⁰⁰	<i>Back muscles force impact on swimming velocity in high school students</i> <i>Milan Stojić, Jelena Vukosavljević, Marko Radenković and Veselin Jakovljević</i>
16 ⁰⁰ -16 ¹⁰	<i>Physical education of children with medical conditions</i> <i>Ružena Popović</i>

Friday 16.10.2015. 14⁰⁰ - 16⁰⁰

Session PHYSICAL ACTIVITY AND HEALTH – Video Conference room - First floor

Chairman: Dragan Radovanović and Saša Pantelić

14 ⁰⁰ -14 ¹⁰	<i>Different aspects that may influence on bone mineral density in ballet dancers</i> <i>Lidija Radovanov</i>
14 ¹⁰ -14 ²⁰	<i>Characteristics of eating disorders in female aesthetic athletes</i> <i>Lidija Radovanov</i>



14²⁰-14³⁰	<i>University students' attitudes towards the importance of being physically active</i> <i>Marina Veličković, Snežana Ružić, Anđela Došić, Ivana Bojić and Zoran Nejšković</i>
14³⁰-14⁴⁰	<i>Motor abilities of eight-year-old girls of different nutritional status</i> <i>Marija Đorđević, Radmila Kostić, Saša Pantelić, Slavoljub Uzunović, Zoran Milanović and Danijela Živković</i>
14⁴⁰-14⁵⁰	<i>Somatotype of athletic and non-athletic female students</i> <i>Anđela Došić and Saša Pantelić</i>
14⁵⁰-15⁰⁰	<i>The basic principles of the paralympic sport boccia</i> <i>Aleksandar Đorđević, Marko Aleksandrović, Stavros Kottaras, Dušan Veličković and Pavle Randelović</i>
15⁰⁰-15¹⁰	<i>Predicting results in freestyle disciplines at the 2016 paralympic games for swimmers with a physical disability</i> <i>Dušan Veličković, Marko Aleksandrović, Dejan Madić, Stavros Kottaras, Mehmet Ozsari and Duran Arslan</i>
15¹⁰-15²⁰	<i>Effects of exercise on subcutaneous adipose tissue and body composition of female students</i> <i>Jasmina Mustedanagić, Nebojša Trajković, Zoran Milanović and Marija Đorđević</i>
15²⁰-15³⁰	<i>Hip flexibility and success rate in performing Rhythmic gymnastics</i> <i>Tijana Purenović-Ivanović, Ružena Popović, Andreja Miljković, Nevena Čeković</i>

Friday 16.10.2015. 14⁰⁰ - 17⁰⁰

Session INTERDISCIPLINARY - Classroom 220 - First floor

Chairman: Katarina Herodek and Aleksandar Nedeljković

14⁰⁰-14¹⁰	<i>A comparison of psychological skills and traits in male handball players of different age groups</i> <i>Joško Sindik, Saša Missoni and Vatroslav Horvat</i>
14¹⁰-14²⁰	<i>Relations between morphological dimensions and aerobic capacity of special forces members at the ministry of interior of the Republic of Serbia</i> <i>Bojan Mitrović, Aleksandar Djordjević, Milivoj Dopsaj and Goran Vučković</i>
14²⁰-14³⁰	<i>Engaging women in sports in Croatia considered from the aspects of sport achievement and activity status</i> <i>Joško Sindik and Sanda Čorak</i>



14 ³⁰ -14 ⁴⁰	<i>Coaches' knowledge about eating disorders in athletes from aesthetic sports: pilot study</i> <i>Aleksandra Aleksić-Veljković, Dušanka Đurović, Dejan Madić, Katarina Herodek and Mila Vukadinović</i>
14 ⁴⁰ -14 ⁵⁰	<i>The history, theory and practice of restricted blood flow resistance training</i> <i>Armin Paravlić, Stefan Đorđević, Raid Mekić and Adem Mavrić</i>
14 ⁵⁰ -15 ⁰⁰	<i>Use of ultrasound diagnosis in the follow-up of effects of resistance training</i> <i>Nataša Radovanović and Dragan Radovanović</i>
15 ⁰⁰ -15 ¹⁰	<i>Experimental comparation of different orthogonal rotations in exploratory factor analysis</i> <i>Igor Jelaska</i>
15 ¹⁰ -15 ²⁰	<i>The diagnosis of anthropological status of female athletes by application of modern biomechanical methods</i> <i>Ratko Pavlović, Aleksandar Raković, Daniel Stanković and Vladimir Savanović</i>
15 ²⁰ -15 ³⁰	<i>The effects of isometric training on anthropometric characteristics</i> <i>Mladen Živković, Saša Bubanj, Katarina Herodek, Vladimir Antić and Dobrica Živković</i>
15 ³⁰ -15 ⁴⁰	<i>Historical development of anti-doping analytical methods in sport</i> <i>Emilija Stojanović and Zvezdan Savić</i>
15 ⁴⁰ -15 ⁵⁰	<i>Kinematic analysis of handball jump shot</i> <i>Kristina Marković</i>
15 ⁵⁰ -16 ⁰⁰	<i>Neglected language of sports commentaries can foster aggression</i> <i>Danica Piršl, Nebojša Randelović, Tea Piršl, Nebojša Anđelković and Sophia Tripanagnostopoulos</i>
16 ⁰⁰ -16 ¹⁰	<i>General model of specification equation and quantitative indicators of leg extensors' explosive force in elite athletes</i> <i>Jelena Ivanović and Aco Gajević</i>
16 ¹⁰ -16 ²⁰	<i>Implementation of the new software approach of learning English of the polytechnic university water polo team members</i> <i>Kabanov A.A. and Kuritsyna M.A.</i>
16 ²⁰ -16 ³⁰	<i>The situation success in the volleyball: review</i> <i>Marina Veličković, Miodrag Kocić, Ivana Bojić and Zoran Nejckovic</i>
16 ³⁰ -16 ⁴⁰	<i>Non celiac gluten sensitivity and sport performance</i> <i>Ljiljana Bjelaković and Bojana Vuković-Mirković</i>



Friday 16.10.2015. 16³⁰ – 18⁰⁰
Session POSTER PRESENTATIONS – Library - Ground floor

Chairman: Nenad Stojiljković

16³⁰-16³⁵	<i>Study off physiometric indicators of bicyclists in age 16 years</i> <i>Ivan Kolev</i>
16³⁵-16⁴⁰	<i>Tracking in the age aspect of developing physical qualities of 16 year-old bikers</i> <i>Ivan Kolev</i>
16⁴⁰-16⁴⁵	<i>110 m hurdle running speed dynamics</i> <i>Grigor Gutev</i>
16⁴⁵-16⁵⁰	<i>Modelling 110 m hurdle stride based on sport result factors (youth age group)</i> <i>Grigor Gutev, Iva Dimova, Jelio Dobrev and Plamen Nyagin</i>
16⁵⁰-16⁵⁵	<i>Optimizing shot put throwers strength development</i> <i>Rumiana Karapetrova, Georgi Stoykov, Kostas Milonas and Stefan Stoykov</i>
16⁵⁵-17⁰⁰	<i>Dynamics of the level of oxygen pulse phases of work and rest at standard running load progressively increase the intensity</i> <i>Ivaylo Lazarov, Rumiana Karapetrova and Fehim Joshan</i>
17⁰⁰-17⁰⁵	<i>Interactive methods of education</i> <i>Evdokia Tzeneva and Luchezar Hristov</i>
17⁰⁵-17¹⁰	<i>General and local influence of swimming on disabled people</i> <i>Veselin Jakovljević, Sladjana Stanković, Jelena Vukosavljević and Milan Stojić</i>
17¹⁰-17¹⁵	<i>Physical activity and health improvement in persons with spinal cord injury</i> <i>Jovana Zrnzević, Tea Čišić, Duran Arslan, Mehmet Ozsari and Vojislav Ćirović</i>
17¹⁵-17²⁰	<i>Police academy female students morphological changes</i> <i>Raša Dimitrijević, Nenad Koropanovski and Radivoje Janković</i>



17 ²⁰ -17 ²⁵	<i>Students' attitudes toward practical teaching within summer outdoor activities - camping</i> <i>Milan Cvetković, Dragan Grujičić, Dejan Orlić, Aljoša Arlov, Slobodan Andrašić and Dušan Stupar</i>
17 ²⁵ -17 ³⁰	<i>Students' attitudes toward practical teaching within winter outdoor activities - skiing</i> <i>Milan Cvetković, Aljoša Arlov, Dejan Orlić, Dragan Grujičić, Slobodan Andrašić and Dušan Stupar</i>
17 ³⁰ -17 ³⁵	<i>Correlation of results of obstacle course for assessment of specific physical abilities of police officers with morphological characteristics and basic physical abilities</i> <i>Radivoje Janković, Raša Dimitrijević, Goran Vučković and Miroljub Blagojević</i>
17 ³⁵ -17 ⁴⁰	<i>Differences in some motor skills between young karate athletes</i> <i>Mirsad Nurkić, Davorin Okiljević, Nenad Vračar and Dragana Mitić</i>

Friday 16.10.2015. 19⁰⁰

19 ⁰⁰	<i>Gala dinner - Restaurant Svrljižanka</i>
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Saturday 17.10.2015. 09⁰⁰ – 13³⁰

Faculty of Sport and Physical Education

09 ⁰⁰ -10 ⁰⁰	<i>TEMPUS SPEED project (presentation)</i>
10 ⁰⁰ -12 ⁰⁰	<i>National projects 179019, 179024, 179056 (presentation)</i>
12 ⁰⁰ -13 ⁰⁰	<i>IPA project (presentation)</i>