

2nd EHF SCIENTIFIC CONFERENCE
WOMEN AND HANDBALL: Scientific and Practical Approaches
(22nd – 23rd November 2013, Vienna)



FINAL PROGRAMME

22.11.2013 FRIDAY

Room EUROPA

12:00 - 13:00 Accreditation

13:00 - 13:15 Conference Opening

Welcome Note by the Organisational Committee: Helmut Hörtsch, Jerzy Elias, Nina Britt Husebo (15min)

13:15 - 14:00 Keynotes

Carmen Manchado/ESP: *Performance Factors in Women's Team Handball. Physical and Physiological Aspects - A Review* (20min)

Frantisek Taborsky/CZE: *The Genders Comparison of Cumulative Indicators of Team Playing Performance on Olympic Games Handball Tournaments 2008 and 2012* (20min)

Room EUROPA

14:00 - 16:00 Medical Mini-Symposium DEN

Merete Møller/DEN: *High Incidence of Injuries in Female Handball: Specific Concerns and Impact on Participation*

Jesper Bencke/DEN: *Why Do So Many Knee Injuries Occur During Sidecutting, and Why Are Female Players More At Risk?*

Mette Kreutzfeldt Zebis/DEN: *Effect of Knee Injury Prevention in Handball: Which Exercises Should We Choose?*

Jesper Bencke, Merete Møller, Mette Kreutzfeldt Zebis/DEN: *Implementation of Prophylactic Training in Handball: Why, When, How and Who?*

16:00 - 16:30 Coffee Break

Room EUROPA (Hotel 2)

- 16:30 - 16:45 Arlette Delamarche/FRA: *The Optimal Weight for a Female Handball Player*
- 16:50 - 17:05 Šibila Marko, Bon Marta, Uroš Mohorič, Pori Primož/SLO: *The Relation Between Percentage of Body Fat and Measures of Running Speed, Jump Power, RSA and vo2max Consumption in Slovenian Woman Senior Elite Handball Players*
- 17:10 - 17:25 Lars Bojsen Michalsik/DEN: *Physical Demands and Physiological Profile in Female vs. Male Elite Team Handball Players: How Big is the Difference?*
- 17:30 - 17:45 Lars Bojsen Michalsik/DEN: *Physical Demands of Training and Match-Play in the Female Elite Team Handball Player*
- 17:50 - 18:05 Samantha L. Moss, Nicola McWhannell, Craig Twist/GBR, Lars Bojsen Michalsik/DEN: *Anthropometric and Physical Performance Characteristics of Elite and Non-Elite Youth Female Team Handball Players*
- 18:10 - 18:25 Antanas Skarbalius/LTU: *Heart Rate, Trimp, RPE, CMJ – Which is of Those Tools are Suitable for Training Loads Volume, Intensity, and Fatigue Monitoring in Female Handball?*
- 18:30 - 18:45 František Urban, Róbert Kandráč/SVK: *The Effect of Morphological Parameters on Player Performance in Elite Female Handball Goalkeepers*
- 18:50 – 19:05 Róbert Kandráč, František Urban/SVK: *The Relationship Between Morphological Profile and Player Performance in Elite Female Handball Players*

Room KREISKY (Hotel 1)

- 16:30 - 16:45 Kadivnik Hana, Luzar Klemen, Pori Primož, Bon Marta, Šibila Marko/SLO: *Characteristics of Effort in Playing Handball with a Different Types of Defenses in Girls Aged 10 to 12 Years*
- 16:50 - 17:05 André Afra, João Prudente, Pedro Sequeira/POR: *Construction of an Observational System for the Organized Attack on the Women's Handball: a Case Study*
- 17:10 - 17:25 Shiro Ichimura, Tetsushi Moriguchi, Norio Shimizu/JPN: *Proposal on the Analysis of Offense Set-play Using Sequence Analysis*
- 17:30 - 17:45 António Manuel Marques de Sousa Alves Lopes, João Manuel Eleutério Florêncio, Horesh Ben Shitrit, Pascal Fua, Sofia Cristina Carreiras Fonseca/POR: *Tracking Multiple Handball Players Using Multi-commodity Network Flow for Assessing Tactical Behaviour*
- 17:50 - 18:05 Jan Hianik/SVK: *Selected External Load Indicators of a Back Player, Wing Player and Line Player in the World Women's Handball*
- 18:10 - 18:25 Jan Hianik/SVK: *The Relation of Women Team Match Performance Indicators to the Result of the Match in Handball*
- 18:30 - 18:45 Markus Tilp, Norbert Schrapf/AUT: *Identification of Offensive Action Patterns in Team Handball*
- 18:50 – 19:05 Zoltán Marczinka/HUN: *Performance Analysis. A Way to Improve Coaching Methods in Handball*

Room EUROPA

19:15 - 20:00 Poster Presentation

Ivan Yotov/BUL: *Optimization Processes in the Preparation of Female Handball Players*

Katarina Ohnjec, Dinko Vuleta, Lidija Bojić-Ćaćić/CRO: *Differences Between the Winning and Defeated Female Handball Teams in Relation to the Type and Duration of Attacks*

Jan Belka, Karel Hulka/CZE: *Load Intensity of Female Players (17-18 Age) in Nine Competitive Matches in Handball*

Karel Hulka, Jan Belka/CZE: *Design and Validity of Specific Handball Repeated-sprint Ability Test*

Patricia I. Sosa González, Juan F. Oliver Coronado, Rosa M. Alfonso Rosa/ESP: *Assessment of Psychological Skills in Young Elite Female Handball Players*

Juan F. Oliver Coronado, Patricia I. Sosa González/ESP: *Defensive System 3:3: Introduction to Defense in Zone*

Patricia I. Sosa González, Juan F. Oliver Coronado, Rosa M. Alfonso Rosa/ESP: *Level Domain Psychological Skills in Young Women Elite Handball Players*

Patricia I. Sosa González, Juan F. Oliver Coronado, Rosa M. Alfonso Rosa/ESP: *Study of the Physical Condition of Young Elite Female Handball Players*

Milvi Visnapuu, Riinu Veber, Meeli Saars/EST: *Morphological Characteristics and Motor Abilities of Amateur Female Handball, Basketball and Volleyball Player*

Tetsushi Moriguchi, Shiro Ichimura, Shuji Tamura, Shintaro Saito, Takahiro Adachi, Issei Ogasawara, Yoshikuni Nakata, Kenta Yokote, Michiko Hanaoka, Manabu Todoroki, Mamoru Tanaka/JPN: *Features of Changes of Direction Sprint (CDS) Performance in Elite Japanese Youth Women Handball Players: A Comparison of the Correlation Coefficient between CDS and Field Tests*

Zbigniew Jastrzębski, Urszula Bogdańska/POL: *The Effect of training Loads on Physical Capacity and Fitness of Young Female Handball Players during the Three-Year Training Cycle*

Francisco Zacarias, Jasmine Weise, Paulo Sá, João Prudente, Pedro Sequeira/POR: *The Analysis of the Effectiveness of 7-Metre in Handball: Study Conducted in the Women's Competition of the London Olympic Games 2012*

Duarte Sousa, João Prudente, Pedro Sequeira/POR: *Analysis of 2 vs 2 in Organised Attack in Handball in a Situation of Numerical Equality of 6 vs 6, during the 2011 Women's World Championship*

Eduardo Carvalho, Maria Luísa Estriga, Miguel Velhote, João Carvalho/POR: *The Mechanism Behind the Handball Goalkeeper's Decision Process During a Seven-Meter Throw*

Sara Pacheco, Luísa Estriga, Geraldo Gomes/POR: *Handball Teaching at School: A Pre-service Teaching Experience at the Primary School*

Thiago Aguiar, Daniel Pinto, Geraldo Gomes, Luísa Estriga/POR: *The Goalkeeper Effectiveness in 7 Meter Throw*

Cristina Varzaru, Nicoleta Alexandrescu, Cezar Hantău /ROU: *The Involvement of the Wing Players in Team's Strategy. Study of the Romanian League, Women 2012-2013*

Cezar Hantău, Athanasios Yannakos*, Cristina Hantău, Cristina Vărzaru/ROU,*GRE: *Analysis of the Competitive Balance in the European Women Handball*

Marina Sakharova, Anastasia Fedotova/RUS: *A Multi-faceted Assessment of Achievement Motivation and Personal Orientation in Relation to the Game Performance of Handball Female Players*

Marta Bon, Mojca Doupona Topič/SLO: *An Example of Transfer Characteristics in the Women's EHF Champions League in Season 2012/13 – the Nationality Perspective*

Bon Marta, Pori Primož, Šibila Marko/SLO: *Specialised Handball Classes in Slovenia: Differences in Identified Characteristics Between Men and Women Junior Participants*

Jug Iva, Kadivnik Hana, Luzar Klemen, Šibila Marko/SLO: *Differences in Load by Girls Aged 10 to 12 Years in Playing Handball with Various Types of Defenses*

Hermassi Souhail/TUN: *Effect of a Short Term In-season Muscular Strength Training Program with Half Back Squat on Repeated Sprint Ability and Agility T-half Test Performance in Elite Handball Players*

Hermassi Souhail/TUN: *Relationships Between Medicine Ball Explosive Power Tests, Throwing Ball Velocity and Maximal Arm Strength Performance in Team Handball Players*

20:15 Dinner- HEURIGER PFLUG

23.11.2013 SATURDAY

Room EUROPA

08:40 - 08:55 Maria Luísa Dias Estriga, António Tulha Ferreira, Catarina Santiago/POR: *Live Exertion Evaluation in Elite Handball Referees*

09:00 - 09:15 Wolfgang Pollany/AUT: *Women's Size 1.5 Ball Experiment- 2013 Summer Camp POL*

09:20 - 09:35 Juan F. Oliver Coronado, Patricia I. Sosa González/ESP: *Need and Proposal for Change in the Size of Women's Handball Ball, Supported by a Scientific Study: "The Coverage Index of the Ball"*

09:40 - 09:55 Herbert Wagner, Matthias Orwat, Matthias Hinz, Serge P. von Duvillard, Erich Müller/AUT: *Testing Game Based Performance in Team-Handball*

10:00 - 10:15 Martin Tuma, Kateřina Keclíková /CZE: *The Relationship Between Chosen Factors of Playing Performance and the Length of Active Career of Women Handball Player*

10:20 - 10:35 Steven K. Moayad /AUT: *Higher Risk of ACL Tears in Female Athletes in General and with Special Reference in Handball*

10:40 - 10:55 Marina Sakharova, Anastasia Fedotova, Maria Obivalina/RUS: *Character of Injury Dynamics in Female Handball*

10:55 - 11:20 Coffee Break

11:20 - 11:35 Acsinte Alexandru, Eftene Alexandru/ROU, Oscar Gutierrez Aquilar/ESP: *Neuro-muscular Coordination and Balance Skills Development in Young Girls Handball Players*

- 11:40 - 11:55 Dirk Büsch, Jörg Schorer, Jan Pabst, Bernd Strauss, Klaus-Dieter Petersen, Jens Pfänder, Peter Sichelschmidt/GER: *Evaluation of the Talent Identification Programme of the German Handball Federation*
- 12:00 - 12:15 Primož Pori, Maja Pori, Marta Bon, Marko Šibila/SLO: *Functional Movement Screen of Youth Female Slovenian Handball Players*
- 12:20 - 12:35 Carmen Manchado, Helena Vila, Carmen Ferragut, Jose Arturo Abrales/ESP: *Anthropometric and Fitness Differences in the First Spanish Handball League Players*
- 12:40 – 12:55 Roland van den Tillaar/NOR: *Comparison of Effects of 6 Weeks of Plyometrics Training With Squat Training Upon Different Motor Abilities in Adolescent Handball Players*

Room KREISKY

- 08:40 - 08:55 Juan F. Oliver Coronado, Patricia I. Sosa González/ESP: *Numerical Superiority Defensive Zone: an Approach to an Active Dimension (4:1:1)*
- 09:00 - 09:15 Maria Luísa Estriga, António T. Ferreira, João Marques de Carvalho/POR: *Ruling and Reality – the Handball Case*
- 09:20 - 09:35 Christoph Dreckmann/GER: *Behaviour of Retraction in the Defense. Present Results in National Women Handball*
- 09:40 - 09:55 Lara D. Cobos, Juan Carlos Zapardiel Cortés, María Luisa Rodríguez Hernández/ESP: *Beach Handball to Improve Jumping Power*
- 10:00 - 10:15 Carmen Manchado, Helena Vila, Carmen Ferragut/ESP: *Different Training Periodization Models in Female Handball*
- 10:20 - 10:35 Susana C.A Póvoas, André Filipe Teixeira e Seabra, Carlos Alberto da Rocha Resende, Eduardo Filipe da Cruz Coelho/POR, Peter Krstrup/ENG: *Handball 4 Health – Effects of a Short-term Handball Based Exercise Programme on Health and Performance Markers in Untrained Adults*
- 10:40 - 10:55 Susana Cristina de Araújo Póvoas/POR, Pantelis Nikolaidis/GRE: *Sprint Performance and Anaerobic Power in Adolescent Female Team Handball Players*

10:55 - 11:20 Coffee Break

- 11:20 - 11:35 Hermassi Souhail/TUN: *Relationship Between Yo Yo Intermittent Recovery Test Performance and Selected Physical Abilities in Elite Juniors Handball Players*
- 11:40 - 11:55 Americo Ramos Cardoso, João Filipe Nunes Prudente, Pedro J.R.M. de Sequeira /POR: *Organization of Competitions in Youth Handball*
- 12:00 - 12:15 Marta Bon, Mojca Doupona Topič/SLO: *Handball and Gender Differences - Special Focus on the Coaching Profession. Case in Point: Slovenia*
- 12:20 - 12:35 Tomáš Augustýn/CZE: *The Use of Information Technology in Non-formal Education and Informal Learning of Handball Coaches*

Room EUROPA

13:00 - 13:20 Closing & Awarding of Certificates