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 Höritsch, Jerzy Eliasz, 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?


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 McWhannel, 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

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


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, Luisa 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 Competitional 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

11:40 - 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 Abraldes/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 Luisa 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 Krustrup/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