FOURTH ANNOUNCEMENT

SCIENCE AND ANALYTICAL EXPERTISE IN HANDBALL
(Scientific and Practical Approaches)

VIENNA (AUSTRIA), NOVEMBER 18-19, 2011

The European Handball Federation (EHF) &
The Union of University Handball Teachers (UUHT)

kindly invite you to the Conference

“Science and Analytical Expertise in Handball” (Scientific and Practical Approaches)

which will be embedded into the organization of the
20th Anniversary Celebration of the EHF in Vienna/AUT.

The goal of the Conference is to bring professional and scientific experts together in order to
describe and formulate problems of modern Handball on all organizational levels and forms
(male/female, youth, beach handball, street handball, people with disabilities, etc.) and to
bridge the gap between science and practice in handball.

The official language of the Conference is English.

The Conference Venue is
Austria Trend Eventhotel Pyramide
Parkallee 2
A-2334 Vösendorf
Austria
Tel.: +43 (1) 699 00
Fax: +43 (1) 699 00-692
Website: http://www.austria-trend.at/eventhotel-pyramide
e-mail: eventhotel.pyramide@austria-trend.at

Financial Conditions
All participants bear the expenses for travel, accommodation and meals on their own.

Programme
Friday, 18 November 2011
12:00-13:50 Accreditation
14:00-15:00 EHF Opening
   Taborsky, F. – CZE: Phenomenon Handball: Introductory Lecture at the
   EHF Scientific Conference, "Science and Analytical Expertise in
   Handball"
   Wilbek, U. – DEN: My Coaching Philosophy

Section 1 (Humanities)
   Psychology and Applied Pedagogy
   Teaching at School – a Pre-Service Teaching Experience Based on the
   Sport Education Model
15:50-16:10 Höritsch, H. – AUT: Handball at School – Didactical Guidelines for Physical Education (P.E.) Students and Teachers


Section 2 (Natural Sciences)
15:10-15:30 Manchado, C. and Platen, P. – ESP / GER: Time-Motion Analysis and Physiological Demands in International Women’s Team Handball

15:30-15:50 Vila, H.; Manchado, C.; Abraldes, A.; Alcaraz, P.; Rodríguez, N. and Ferragut, C. – ESP: Anthropometric Profile in Female Elite Handball Players by Playing Positions


Section 3 (Training and the Game)


16:30-17:00 Coffee break

Section 1 (Humanities)
17:00-17:20 Sosa, P.I. and Oliver, J.F. – ESP: Competitive Anxiety and Stress in Young Handball Players

17:20-17:40 Dumitriu, D.L. – ROU: The Importance of Roles’ Dynamics Inside a Team


Section 2 (Natural Sciences)

17:40-18:00 Tůma, M.; Zahálka, F. and Malý, T. – CZE: Postural Stability of Elite Women's Handball Players


Section 3 (Training and the Game)

17:00-17:20 Hianik, J. – SVK: The Team Match Performance Indicators and their Evaluation in Handball

17:20-17:40 Prisacaru, R. – ROU: Analysis of Tactics and Offensive Play Systems at the European Elite Teams in Order to Optimize the Attack of the Romanian “Top” Teams - Men’s Handball

17:40-18:00 Pori, M.; Justin, I.; Kajtna, T. and Pori P. – SLO: Which Motor Abilities Have the Highest Impact on Competitive Performance of Slovenian Handball Goalkeepers?

18:00-18:20 Molotanovs, A.; Līcis, R. and Žīdens J. – LAT: Goalkeepers’ HRV Increase before Handball Competitions

Poster Presentation

18:30-19:00 Petronijevic, M. – SRB: Mini Handball - Handball as School Project in Serbia

Visnapuu, M.; Jürimäe, T.; Jürimäe, J. and Allikivi P. – EST: Relationship between High Level Young Handball Goalkeepers’ Playing Characteristics and Body Composition

Hantău, C.; Toiniţa, F.; Pascal, A. and Hantău Cr. – ROU: Influence of the Interpersonal Relationship on the Efficiency of the Attack for the Women Handball Teams

Tůma, M. and Vozobulová, P. – CZE: Somatic Characteristics of Selected Youth Female Players by Czech Training Centres

Massuça, L.M. – POR: The Relative Age Effect in Body Size and Success of World-Class Handball Players

Michalsik, L.B.; Madsen, K. and Aagaard, P. – DEN: Activity Match Profile and Physiological Demands in Female Elite Team Handball

Michalsik, L.B.; Madsen, K. and Aagaard, P. – DEN: Technical Match Characteristics and Influence of Body Anthropometry in Female Elite Team Handball Players


Hulka, K. and Belka J. – CZE: Analysis of Evaluative Methods of the External Load on Players during a Match in Sport Games

Luig, P. and Henke, T. – GER: Acute Injuries in Handball

Luig, P. and Henke, T. – GER: Injury Prevention in Handball
Laffaye, G. and Debanne T. – FRA: *Training Programs Used by French Professional Coaches to Increase Ball Throwing Velocity of Elite Handball Players*

**Saturday, 19 November 2011**

**Section 1 (Humanities)**

09:00-09:20  Kajtna, T.; Pori, M.; Justin, I. and Pori, P. – SLO: *Psychological Characteristics of Slovene Handball Goalkeepers*


09:40-10:00  Marczinka, Z. – HUN: *What's the Difference? – Coaching Female and Male Handball Players*

10:00-10:20  Bideau, B.; Vignais N.; Kulpa R.; Craig C. and Delamarche P. – FRA: *Do the Kinematic of the Throwing Action in Handball Influence Goalkeeper’s Judgement?*


**Section 2 (Natural Sciences)**

09:00-09:20  Acsinte, A. – ROU: *Proprioceptive Training in Handball*

09:20-09:40  Bon, M.; Bračič, M.; Šibila, M. and Pori P. – SLO: *Handball Team Staff Heart Rate Monitoring during Women's Champions League Match*

09:40-10:00  Šibila, M.; Bon, M.; Mohorič, U. and Pori P. – SLO: *The Relation between Percentage of Body Fat and Measures of Running Speed, Jump Power and VO2max Consumption in Slovenian Junior Elite Handball Players*

10:00-10:20  Delamarche, P. and Bideau, B. – FRA: *Relevance of Biological and Biomechanical Analysis in Handball Performance*


**Section 3 (Training and the Game)**

09:00-09:20  Skarbalius, A. – LTU: *Monitoring Sport Performance in Handball*

09:20-09:40  Massuça L.M. – POR: *Expertise Evaluation of Technical and Tactical Proficiency in Handball: Differences between Playing Status*

09:40-10:00  Platen, P. and Manchado, C. - GER / ESP: *Basic Endurance Performance is Highly Correlated to Mean Heart Rate in Female Top Level Handball Players*

10:20-10:40  Gutiérrez Aguilar, Ó.; Ruiz Gómez, J.L. and Ramis Claver, J. – ESP: *Using DEA to Assess the Efficiency of Handball Teams*

10:40-11:10  Coffee break

**Section 1 (Humanities)**

11:10-11:30  Arfa, Y. – TUN: *Personality Traits as Predictors of Physical Capacities Development*

11:30-11:50  Dumitriu, D.L. – ROU: *Social Representations of Handball Coaches’ Role*


12:40-13:00  Estriga, M.L; Marques de Carvalho, João; Bernandez, J. and Massada, L. – POR: Muscle Strength and ACL Injury in Portuguese Female Handball Players

Section 2 (Natural Sciences)


11:30-11:50  Michalsik, L.B.; Aagaard, P. and Madsen, K. – DEN: Match Performance and Physiological Capacity of Male Elite Team Handball Players


12:20-12:40  Justin, I.; Pori, M.; Kajtna, T. and Pori, P. – SLO: The Differences in the Selected Morphological Characteristics and Motor Abilities between the Slovenian Handball Goalkeepers and Students of Faculty of Sports

Section 3 (Training and the Game)


12:20-12:40  Laffaye, G. and Debanne T. – FRA: Prediction of Ball Velocity during Standing Throw and Gain of Velocity Obtained by Cross Over Step


13:00-13:30  Discussion

13:35-14:00  Closing

All oral and poster presentations will be published in a conference print documentation. All participants will receive a copy of this documentation prior to the beginning of the Conference. The documentation will also be also be published in the form of an e-book on the www.eurohandball.com website.

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