# Preliminary Program
**DRAFT (19.07.2019)**

*Finalized detailed program with all invited speakers, and attendees will be announced in the last week of August*

## 11th of September (Wednesday)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>18.00</td>
<td>Registration open</td>
</tr>
<tr>
<td>19.30</td>
<td>Welcome wine and snack party: networking (keynotes &amp; international attendants)</td>
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## 12th of September (Thursday)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8.30</td>
<td>Registration</td>
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<tr>
<td>9.30</td>
<td>Opening Speeches</td>
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<tr>
<td></td>
<td>H. Dancs (University of ELTE, Hungary)</td>
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<td></td>
<td>N. James (University of Middlesex, Chair of ISPAS, UK)</td>
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<td></td>
<td>Z. Demetrovics (ELTE PPK, Dean)</td>
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<tr>
<td>9.45</td>
<td>Performance Analysis in the coaching process in elite</td>
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<td>N. James (University of Middlesex, Chair of ISPAS, UK)</td>
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<tr>
<td>10.15</td>
<td>How to collect, to analyse and to provide feedback to athletes by using technology?</td>
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<td>M. T. Hughes (Insight, UK)</td>
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<tr>
<td>10.45</td>
<td>How to choose performance indicators in different sports?</td>
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<td></td>
<td>N. Parmar (University of Middlesex-UK)</td>
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<tr>
<td>11.05</td>
<td>Company Keynote presentation</td>
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<tr>
<td>11.25</td>
<td>Oral presentations of attendees (3) to be announced</td>
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<tr>
<td>12.05</td>
<td>Planned Company Keynote presentation: PerformanceInnovation</td>
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12.25 - 13.00  Coffee/Snack Break (E-poster without presentations)

**Chair: A. Fuller**

**13.00 - 15.00**  Performance Analysis in Elite Soccer - Parallel Workshop Sessions
Invited speakers: A. Fuller (Hudl), P. Aleixander (F.C Valencia), T. Sisa (Hungarian Futball Federation), M. Koltai (ELTE, Hungary), IT Company presentation, R. Long (FA, UK), Koltai – InStat

- **The analysis of endurance variables among young soccer players**
  A. Gustafik (ELTE, Hungary)

- **The process performance analysts follow when using video feedback in professional Semi Elite English Soccer**
  C. Mulvenna (University of Chester, UK)

- **Analysing and profiling attacking patterns in football’ and the influence of situational variables on attacking process in football**
  J. Kim, University of Middlesex, London, UK

- **AS Monaco Football Team Offensive Process: A mixed method approach**
  H. Sarmento, University of Coimbra and Instituto Politécnico de Viana do Castelo, Escola Superior de Desporto e Lazer, Melgaço, Portugal

  *(more to be announced)*

**Chair: N. James**

**13.00 – 15.00**  Individual sports: Performance Analysis in individual sports – Parallel Workshop Sessions
Invited speakers: I. Donnelly (PerformanceInnovation, UK), N. James (University of Middlesex, Chair of ISPAS, UK), M.D Hughes (President of ISPAS, Cardiff Metropolitan, UK)

- **In it to win it: Measuring stress responses in horse and riders during eventing competition**
  H. Cameron-Whytock, Nottingham Trent University (UK)

- **Parabolic Running path of elite sprinters on curve on 400 meters track independent angles of lanes: A reference-based cause-effect relationship**
  K. K. Debnath, Degree College of Physical Education, Amravati, Maharashtra (India)

- **Impact of 24 weeks of strength training coupled to endurance training on endurance Performance**
  L. Cesanelli, HERO Dolomites 2019 Cycling, University of Camerino (Italy)

  *(more to be announced)*

**Chair: N. Parmar**

**15.00 – 16.30**  Invasion team and net games: Performance Analysis in invasion-games and net games – Parallel Workshop Sessions
Invited speakers: M. T. Hughes- Insight, UK and IT company representatives and G. Csatai (Sopron, Basketball, Hungary, T. Sterbenz- Vice-rector of University of PE, Hungary), C. White (British Tennis, UK) and InStat
Optimization techniques for basketball players under the convex risk measures
L. Ntasis, University of Peloponnese, Tripoli (Greece)

The effectiveness of the Handball defense and goalkeeper against organized attack
D. Sousa, University of Madeira (Portugal)

Design and validation of an observational system in Beach Volleyball
D. Sousa, University of Madeira (Portugal)

Video based notational analysis of the game structure in collegiate men’s lacrosse
R. Hauer, University of Vienna (Austria)

Clustering women’s world sevens rugby by temporal attack-defence performance
K. Sasaki, Res. Ctr. Health, Physical Fitness and Sport, Nagoya University, Nagoya, Japan
(more to be announced)

16.30- 17.00 Coffee Break (E-poster without presentation)

Chair: H. Dancs

17.00 Improving elite sports performance in a data driven world
Michael T. Hughes (Insight, UK)

17.30 Performance Profiling in Sport: Bridging the theory-practice gap
N. James (Chair of ISPAS - University of Middlesex, UK)

18.00 Sport Analytics as a tool for effective decision-making
T. Sterbenz (Vice -rector of University of Physical Education, Hungary)

18.30 Using IT (video) technology at match analyses
P. Aleixandre (FC Valencia, Spain)

19.00 Future of Performance Analysis in Sport” and „Role of the Performance Analyst in the coaching Team” – Chat Panel Discussion
N. Parmar, C. White, M. D. Hughes (UK)

20.00 Dinner for invited speakers and sponsors

13th of September (Friday)

Chair: N. Parmar

9.30 Key Performance Indicator in Elite Tennis
C. White (Law Tennis Association, UK)

10.00 Re: Thinking Analysis
R. Long (English FA, UK)

10.30 ISPAS – Accreditation
M. T. Hughes (Insight- ISPAS, UK)

11.00 Opposition intelligence strategies to support the success of the England teams
A. Fuller FA, UK (Hudl, UK)
11.30 Cooperation of Performance Analysts and Data Analysts and Tech companies” – Chat Panel Discussion
M. T. Hughes, A Fuller, N. James, I. Donelly

12.00 Company Keynote Presentation

12.20 Oral Presentations (3) to be announced

12.50- 13.30 Coffee/ Snack Lunch (E-poster without presentations)

Chair: G. Sporis

13.30 Company Keynote Presentation

13.50 ‘Atomic’ Handball: Facts & Myths
I. Gruic (Faculty of Kineziology, Zagreb, Croatia)

13.50 Dinamo Football Academy - "Preparedness is the key to success and victory”- T. Despot (Dinamo Football Academy, Zagreb, Croatia)

14.10 Performance analysis and Sport Diagnostics in Football: The case study Luka Modric
V. Vučetić (Strength coach of Luka Modric, Croatia)

14.30 Performance analysis of the first team of Dinamo Zagreb
M. Minđek (Performance Analyst Dinamo Zagreb, Croatia)

14.50 Future of PA and Performance Diagnostic in Football
G. Sporis (Faculty of Kineziology, Zagreb Croatia)

15.20 Company Keynote Presentation

15.40 Oral Presentations (6) to be announced

16.20 Coffee Break

Chair: C. White

17.10 E-poster presentations with 2 minutes presentation

17.20 Oral presentations (10) to be announced

17.30 In it to win it: Measuring stress responses in horses and riders during eventing competitions
H. C. Whytock (Nottingham Trent UK)

17.45 Introduction: 2020 World Congress of Performance Analysis of Sport XIII. Vienna
R. Hauer, University of Vienna, Austria

Mike D. Hughes (UK)

20.00 Dinner for invited speakers and sponsors