

GEST
**FUSION
OF SCIENCE
AND SPORT**
AN INTERNATIONAL
DIALOGUE



Sportmedizin
Saarbrücken



UNIVERSITÄT
DES
SAARLANDES



SPORTCAMPUS
SAAR.



Luxembourg Institute for
High Performance in Sports

LIHPS

Wednesday, 19.02.2025

09:00 – 13:00	Registration / Welcome Coffee / Get together @ LSVS & tour through Sportcampus Saar			
13:00 – 13:30	Official Opening:			
13:30 – 14:30	Keynote presentation Shona Halson “Translating research into elite sport practice” Chair: Sabrina Forster & Billy Sperlich			
14:30 – 15:00	Coffee break			
15:00 – 16:30	<p>Invited session:</p> <p>Implementing sport science into practice: successful examples</p> <p><u>Chair:</u> Sascha Schwindling (Saarland University)</p> <p><u>Speakers:</u></p> <p>Eric Besenius (Luxemburg Institute for High-Performance Sport)</p> <p>Hannes Käsbauer (German Badminton Association)</p> <p>Torben Hoffmeister (German Triathlon Association)</p>	Abstract session	Abstract session	Workshop: Artinis Medical Systems (NIRS)
16:30 – 17:00	Coffee break			
17:00 – 18:30	<p>Exchange session: dvs Motor Control meets Exercise Science</p> <p>Physical activity to improve postural control and stability</p> <p><u>Chair:</u> Waltraud Stadler (TU München)</p> <p><u>Speakers:</u></p> <p>Simon Steib (Uni Heidelberg)</p> <p>Marco Taubert (Uni Magdeburg)</p>	Abstract session	Abstract session	Workshop:

	Leif Johannsen (RWTH Aachen)			
18:30 – 19:30	Networking session: Female early career researchers			
19:30 – open end	Get-together and “Kneipentour” in Nauwieser Viertel			

Thursday, 20.02.2025

08:00 – 08:30	Arrival of participants			
8:30 – 10:00	<p>Invited session:</p> <p>Unlocked potential: the role of sleep for athletic performance</p> <p><u>Chair:</u> Shona Halson (Australian Catholic University)</p> <p><u>Speaker:</u> Luke Gupta (Loughborough University)</p> <p>Manuel Schabus (Paris Lodron University Salzburg)</p> <p>Anna West (Sleep2Perform, UK)</p> <p>Antonia Rossiter (Sport Ireland Institute)</p>	Abstract session	Abstract session	Workshop:
10:00 – 10:30	Coffee break			
10:30 – 11:30	<p>Keynote presentation</p> <p>Andrew Jones “Current trends in the science of endurance sports”</p> <p>Chair: Sabrina Forster & Billy Sperlich</p>			
11:30 – 13:00	Lunch break at Aula			
11:30 – 13:00	dvs Mitgliederversammlung (incl. Lunch)			
13:00 – 14:30	<p>Invited session:</p> <p>Low Energy Availability and Relative Energy Deficiency in Sports: Scientific Perspectives and Practical Implications</p> <p><u>Chair:</u> Dolores Dravenic (Saarland University)</p>	Abstract session	Abstract session	Workshop:

	<p><u>Speakers:</u> Dolores Dravenic (Saarland University)</p> <p>N. N. (German Sport University Cologne)</p> <p>Sam Moss (University of Chester)</p> <p>Anna Melin (Linnaeus University)</p>			
14:30 – 15:00	Coffee break			
14:30 – 15:30	Networking session: Female early career researchers			
15:00 – 16:30	<p>Football tactics through the lens of data and technology</p> <p><u>Chair:</u> Sigrid Olthof (Liverpool John Moores University)</p> <p><u>Speakers:</u> Sigrid Olthof (Liverpool John Moores University)</p> <p>Maaïke van Roy (KU Leuven)</p> <p>Bruno Travassos (Portuguese futsal national team)</p> <p>Stefan Altman (TSG Hoffenheim Research Lab)</p>	Abstract session	Abstract session	Workshop:
16:30 – 17:00	Coffee break			
17:00 – 18:30	<p>Invited session:</p> <p>New trends in strength training and neuromuscular performance</p> <p><u>Chair:</u> Maria Grammenou (Saarland University)</p> <p><u>Speakers:</u> Paul Comfort (University of Salford)</p> <p>Marcos Soriano (Autonomous University of Madrid)</p> <p>Nick J Ripley (University of Salford)</p>	Abstract session	Abstract session	Workshop:

19:30 – open end	Conference dinner Sportcampus
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Friday, 21.02.2025

08:00 – 08:30	Arrival of participants			
08:30 – 09:30	Keynote presentation Dan Lorang “Evidence-based practice in elite cycling” Chair: Sabrina Forster & Billy Sperlich			
09:30 – 10:00	Coffee break			
10:00 – 11:30	<p>Invited session:</p> <p>Implementing machine learning in sport science</p> <p><u>Chair:</u> Anne Hecksteden (University of Innsbruck)</p> <p><u>Speakers:</u> Anne Hecksteden (University of Innsbruck)</p> <p>Martin van Smeden (UMC Utrecht)</p> <p>Matthias Kempe (University of Groningen)</p>	Abstract session	Abstract session	Workshop:
11:30 – 12:30	<p>Panel discussion with keynote speakers Shona Halson, Andrew Jones, Dan Lorang</p> <p>Chairs: Sabrina Forster & Billy Sperlich</p>			
12:30	End of conference			