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Day 2 of MathSport International 2025 at LUNEX

Exploring the Intersection of Mathematics and Sports: A Day of Insightful Sessions and Athlete Engagement

Differdange, Luxembourg, 26 May 2025

The MathSport International 2025 conference continues its exploration of the synergy between mathematics and sports on its second day, 5 June 2025, at LUNEX in Differdange. This day promises a rich program of keynote speeches, three parallel sessions, two workshops on the use of artificial intelligence (AI) in sports and a unique opportunity to engage with world-renowned athletes.

Keynote Presentation by Frits Spieksma

The day will commence with a keynote speech "Scheduling in Sports: a Tour d'Horizon" by Professor Frits Spieksma from Eindhoven University of Technology, who will provide a comprehensive overview of scheduling in sports, highlighting the mathematical challenges and solutions in this domain.

Three Parallel Sessions

Attendees will have the opportunity to participate in three parallel sessions and 2 practical workshops throughout the day, with over 50 presentations in the field of sports and math covering topics such as sports medicine, sports analytics, sports economics, and e-sports. These sessions and workshops will feature presentations on cutting-edge research and applications of mathematics in sports, including:

- Innovative approaches in sports medicine
- Advanced analytics in sports performance and sport injury
- Economic models related to sports
- The growing field of e-sports and its mathematical underpinnings

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Andreas Mierau

Supervisory Board: Dr. Pierre Gerckens, Ludwig
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Evening Meet & Greet with Elite Athletes

In the evening, participants are invited to a Meet & Greet session at the Coque reception area in Luxembourg City. This event will feature distinguished athletes:

- Andy Schleck, 2010 Tour de France winner
- Ni Xia Lian, World Champion in table tennis doubles (1983) and European Champion (2002)
- Jonathan Laugel, European champion in rugby sevens
- Anne Simon, member of the Luxembourg national basketball team

Moderated by Michèle Weber, the session will delve into topics such as the use of data analytics in sports, technological advancements, and personal experiences of these athletes. Attendees will have the chance to engage directly by submitting questions during the discussion.

For a detailed program and further information, please visit the official conference website:

<https://math.uni.lu/midas/events/mathsports2025/program/#SM015>

To attend the keynote or any of the sessions on June 5 at LUNEX, members of the press are invited to contact the Marketing Team at LUNEX directly under marketing@lunex.lu.

About MathSport International 2025

MathSport International 2025 is the 11th edition of the biennial conference dedicated to the application of mathematics in sports. Hosted for the first time in Luxembourg, the event brings together researchers, practitioners, and athletes to discuss advancements in sports analytics, medicine, economics, and scheduling. The conference is organized by the University of Luxembourg, the Comité Olympique et Sportif Luxembourgeois (COSL), the Luxembourg Institute for Research in Orthopedics, Sports Medicine and Science (LIROMS), the Luxembourg Institute of Health (LIH), the Luxembourg Institute for High Performance in Sports (LIHPS), and LUNEX.

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