Day 1: June 4th, 2025

Session Name	Time	Speaker	Title
Keynote 1	9.00 - 9.50	Romain Seil	Data Mining Meets Sports Medicine: How Research Impacts Patient and Athlete Care
Sports Analytics 1	10.20 - 10.40	Marica Manisera	Basketball Data Science: Statistical Methods for Shooting Performance Mapping
	10.40 - 11.00	Ambra Macis	Using shooting trajectories for basketball predictions
	11.00 - 11.20	Gabriel Calvo	Data-Driven Lineup Optimization in Wheelchair Basketball
	11.20 - 11.40	Florian Felice	AI for Handball: predicting and explaining the 2024 Olympic Games tournament with Deep Learning and Large Language Models
	11.40 - 12.00	Rouven Michels	Forecasting In-Game Win Probabilities in Handball: Evaluating the Impact of Goalkeeper Substitution
Sports Scheduling 1	10.20 - 10.40	Tankut Atan	Round-Robin Tournament Scheduling Under Total Game Attractiveness Objective
	10.40 - 11.00	Sebastián Urrutia	Break minimization in incomplete round-robin schedules
	11.00 - 11.20	András Gyimesi	Increasing competitiveness by imbalanced groups in the FIFA World Cup
	11.20 - 11.40	Jessica Hargreaves	The Split: Analysing Contest Design in the Scottish Premier League
	11.40 - 12.00	Dóra Gréta Petróczy	The myth of declining competitive balance in the UEFA Champions League group stage
Keynote 2	13.10 - 14.00	Paola Zuccolotto	Basketball Data Science
Sports Analytics 2	14.00 - 14.20	Luca Benga	Mathematical models for speed climbing applied to data collected on competitors in recent World Cup events
	14.20 - 14.40	Paolo Vidoni	A dynamic extension of the Massey's rating system based on a multivariate score-driven time series model
	14.40 - 15.00	Tristan Barnett	Teaching probability theory through tennis
	15.00 - 15.20	Fabian Wunderlich	Rethinking the evaluation of performance in football: A novel mathematical framework to quantify the quality of key performance indicators.
	15.20 - 15.40	Manuel Duran	Optimizing Goal-Scoring Decision-Making with Machine Learning: A Real-World Use Case for Racing de Santander of the Spanish Second Division Football League

Sports Scheduling 2	14.00 - 14.20	László Csató	Trade-off between attractiveness and equal treatment in tournament draws: A case study from handball
	14.20 - 14.40	Dimitris Karlis	The league phase in UEFA competitions
	14.40 - 15.00	Jonas Andersson	Integrating score predictions in prescriptive sports scheduling models
	15.00 - 15.20	Michael A. Lapré	The impact of imbalanced groups in UEFA Euro 1980–2024 and comparison with the FIFA World Cup
	15.20 - 15.40	Alex Krumer	The Effect of a Structural Change in Round-Robin Tournaments with Four Teams: Evidence from Beach Volleyball
Sports Analytics 3	16.10 - 16.30	Tim Swartz	Identifying Soccer Styles
	16.30 - 16.50	Ioannis Ntzoufras	Bayesian modeling of goal arrival times
	16.50 - 17.10	Mirko Carlesso	Scoring probability maps on the basketball court through Spatial Point Pattern analysis
	17.10 - 17.30	Matthias Kempe	Training Periodization and Load Coupling in Speed Skating
	17.30 - 17.50	Ruud Koning	So the last will be the first
	17.50 - 18.10	Rodolfo Metulini	Statistical Analysis of Action Player Contribution in Soccer
Sports Scheduling 3	16.10 - 16.30	Julien Guyon	Drawing and Scheduling Matchups in the New UEFA Champions League Format
	16.30 - 16.50	Mario Guajardo	A multi-league traveling tournament problem for FIFA and UEFA's main tournaments: Do they really minimize distances?
	16.50 - 17.10	Stephen Hill	Implications of the UEFA Champions League's New Swiss-Style Format: A Simulation Study
	17.10 - 17.30	Jari Kyngäs	Optimizing professional sports league games based on spectators and traveling
	17.30 - 17.50	Eiji Konaka	Optimization of the Tournament Format for the Nationwide High School Kyudo Competition in Japan
	17.50 - 18.10	Iain Souttar	Hierarchical fair draws: a Champions league case study.

Day 2: June 5th, 2025

Keynote 3	9.00 - 9.50	Frits Spieksma	Scheduling in Sports: a Tour d'Horizon
Sports Medicine 1	10.20 - 10.40	Serena Pizzocaro	Fatigue Monitoring as a Tool for Sport Injury Prevention
	10.40 - 11.00	Katarzyna Szczerba	AI-informed Non-linear Cox Model for Survival Analysis of Running-Related Injuries
	11.40 - 12.00	Thorben Hülsdünker	The Cognitive Basis of Sport Injuries - Using SKILLCOURT Technology to reduce Injury Risk and support Rehabilitation in Sport
Sports Analytics 4	10.20 - 10.40	Argyro Damoulaki	Lasso Multinomial Performance Indicators for in-play Basketball Data
	10.40 - 11.00	Ross Lauterbach	Evaluating NBA Player Win Contribution with Machine Learning Techniques
	11.00 - 11.20	Justin Ehrlich	Team Dynamics and Home Continent Advantage: Europe's Dominance in the Ryder Cup
	11.20 - 11.40	Graham Pollard	Some alternate scoring systems to a test cricket series
	11.40 - 12.00	Luca Grassetti	A bivariate extension of the regularised adjusted plus-minus model for Basketball match prediction.
Sports Analytics 5	10.20 - 10.40	Michele Lambardi di San Miniato	Predicting the probability of breaking a world record
	10.40 - 11.00	Chinmay Divekar	Efficiency of live-betting markets in tennis
	11.00 - 11.20	Ryoga Yamaguchi	Performance Evaluation and Ranking of Drivers in Multiple Motorsports Using Massey's Method
	11.20 - 11.40	Matthias Schilling	Comparison of Rectangular and Hexagonal Grids for Spatial Analysis of Target Regions in NFL Passing Plays
	11.40 - 12.00	Rita Norbutaitė	Tennis model in betting: Grand Slam analysis
Sports Medicine 2	13.10 - 13.30	Lorena Martin	Predicting Injury and Career Longevity in Baseball Pitchers Using Workload Metrics and Biomechanical Data
	13.30 - 13.50	Gabriella Vinco	Wearable Sensor Monitoring of Walking on Different Surfaces as a Digital Outcome: Deep Learning Model Performance with Sensor and Class Reduction
	13.50 - 14.10	Sebastian Dyrup Skejø	What is chronic load? Exploring different definitions of the chronic load in relation to running-related injuries
	14.10 - 14.30	Arthur Guillotel	Modeling the evolution of athletic abilities in young elite soccer players considering injury history

Sports Economics 1	13.10 - 13.30	Robert Bajons	A statistical view on xG and GAX
	13.30 - 13.50	Maria Amaro	Sentiment Dynamics in (Social) Media Coverage of the Olympics and Paralympics Across Five Cycles
	13.50 - 14.10	Daam Van Reeth	Balancing Olympic broadcasts and viewer demand: an empirical analysis of Belgian TV audiences
	14.10 - 14.30	Milica Maričić	Sports meet sharing economy: Acceptance of equipment rentals platforms
Sports Analytics 6	13.10 - 13.30	G.A. Oonk	The Right Way to Synchronize Tracking and Event Data: Using Domain Knowledge to Optimize Algorithms
	13.30 - 13.50	Gayatri Chakkithara	Detecting Movement Patterns That Lead To Poor Performance With Sportlets
	13.50 - 14.10	Chuqi Chen	Quarterly Changes in Player Movement and Positional Dispersion in NBA Games
	14.10 - 14.30	Leszek Szczecinski	Ranking algorithms for games with multilevel results
Sports Medicine 3	14.50 - 15.10	Caroline Mouton	The meniscus injury pattern varies with the type of sports in primary ACL reconstructed knees in non-professional athletes.
	15.10 - 15.30	Rosaria Simone	Model-based analysis of the Eurobarometer Survey on Sport participation and Engagement in Physical Activity
	15.30 - 15.50	Barbaros Yet	A Bayesian Network Model to Monitor the Risk of Overreaching and Overtraining
	15.50 - 16.10	Myriam Jacobs	Fueling Excellence: The Integral Role of Sport Nutrition Services in a High-Performance Institute.
	16.10 - 16.30	Manuel Huth	Informed Injury Prediction in Elite Football: Decision Theory meets Machine Learning
Sports Analytics 7	14.50 - 15.10	Guillaume Abran	Acute effect of running retraining interventions on high-frequency signals of impact variables.
	15.10 - 15.30	Jan Held	Enhancing Football Refereeing with AI: VARS and X-VARS for Assisted Decision-Making
	15.30 - 15.50	Nobuyoshi Hirotsu	Consideration of Transition Probability Matrices in Markov Models: Applications to Baseball and Soccer
	15.50 - 16.10	Daniel Fernández	Identifying Extreme Representative Tennis Players and Match External Load in Grand Slam Tournaments Using Clustering and Archetypoid Analysis
	16.10 - 16.30	Dmitry Dagaev	Implicit Centipedes, or Do the Racers Compete Strategically?

Sports Analytics 8	14.50 - 15.10	Sadanand Venkataraman	Multisport YODA: Leveraging LLMs for Cognition Based Comprehensive Performance Analytics
	15.10 - 15.30	Anthony Bedford	Models for prediction and analysis in horseracing
	15.30 - 15.50	Lawrence Clegg	Tennis match outcome prediction using temporal directed graph neural networks
	15.50 - 16.10	David Winkelmann	Detecting match-fixing in professional football: The potential of in-game betting data
	16.10 - 16.30	Soujanya Dash	Prediction-based evaluation of back-four defense with spatial control in soccer
Sports Analytics 9	16.40 - 17.00	Jeroen Belien	Does fatherhood impact the performance of professional cyclists?
	17.00 - 17.20	Takuma Narizuka	Evaluating Soccer Player Movements Using the Attacker-Defender Model
	17.20 - 17.40	Iuliia Alekseenko	The Impact of Geoclimate Factors on Performance of Football Teams
Sports Scheduling 4	16.40 - 17.00	David Van Bulck	A Column Generation Approach for First-Break-Then-Schedule
	17.00 - 17.20	Sten Wessel	Fair Schedules for Dreierturnier Competitions
	17.20 - 17.40	Javier Marenco	Exploring the 2024/2025 format of the UEFA Champions League
E-sports 1	16.40 - 17.00	Mikhail Usanin	The Effect of Home Advantage in eSports
	17.00 - 17.20	Elijah Sumernikov	Choking Under Pressure in Online Chess: Performance Decline Among Elite Players in High-Stakes Matches
	17.20 - 17.40	Evgeniya Shenkman	Strategic Choice in eSports: An Analysis of Team Decisions During Map Vetoes

Day 3: June 6th, 2025

Keynote 4	9.30 - 10.20	Tim Pawlowski	Exploring behavioral responses to reference point-dependent emotions in sports
Sports Analytics 10	10.40 - 11.00	Ebrahim Patel	Evaluating player influence and team synergy in Soccer
	11.00 - 11.20	Dries Goossens	Brains or legs: How to organize a fair rogaining competition?
	11.20 - 11.40	Audrey Difernand	A Survival Analysis of Dropout among French Swimmers
	11.40 - 12.00	Antonio Lucadamo	Kinematic Variables and Match Outcomes in Serie A: Evaluating Their Impact With and Without Ball Possession
	12.00 - 12.20	Daria Tabashnikova	Gender differences and peer effects: The case of marathons
Sports Analytics 11	10.40 - 11.00	Takumi Miura	Detection of front-door and back-door pitches in baseball and the characteristics that make them effective
	11.00 - 11.20	Gordon Hunter	A System for Tracking Players and the Ball in Association Football Matches using Regular TV Footage in conjunction with "Deep Learning" and Transformational Geometry
	11.20 - 11.40	Hugo Fabrègues	De-compactification of Soccer Formations
	11.40 - 12.00	Vladimír Holý	What Drives Success in Men's Ice Hockey World (Junior) Championships?
	12.00 - 12.20	Praveen D Chougale	Data-Driven Performance Profiling of Club-Level Football Players in Mumbai
Sports Analytics 12	13.20 - 13.40	Ali Iltaf	Predicting International Success Based on Domestic Performance in T20 Cricket
	13.40 - 14.00	Pascal Bauer	Revisiting Clutch Performance Among Elite Players in Tennis
	14.00 - 14.20	Hannah Bartmann	Estimation of match abilities for tennis players via a maximum likelihood approach
	14.20 - 14.40	Laurentiu C. Hinoveanu	Performance Monitoring in Middle and Long Distance Running and its Application to the Athlete Biological Passport
	14.40 - 15.00	Andrei Smirnov	From Advantage to Action: How Managers Adapt to External Conditions Strategically

Sports Analytics 13	13.20 - 13.40	Karel Devriesere	Evaluation of the new Champions League format
	13.40 - 14.00	Qi Gan	Advancing Sports Performance Analysis with Pose Sequences and Time-Series Deep Learning
	14.00 - 14.20	Gordana Marmulla	Probing the gender divide in soccer: can technical and tactical features distinguish men's and women's soccer net of physiological differences?
	14.20 - 14.40	Koen W. van Arem	The trade-off between model flexibility and accuracy of Expected Threat models in football
	14.40 - 15.00	John A. Trono	Evaluating the Improved Linear Model (and its successor) with regards to the Expanded College Football Playoff