

IX Mathsport International Conference 2022, University of Reading





Monday July 11

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le .	Session chairs are in <i>italics</i> , remote presenters (via Tear	ns) are indicated with an a	
Venue	Chemistry Lecture Theatre 1 (LT1)		Chemistry Lecture Theatre 2 (LT2)
09:30-10:00 Registration and Coffee		ĺ	
10:00-10:15 Welcome and Opening Remarks	James Reade and Dries Goossens	1	
10:15-11:30 Keynote 1	Lotte Bransen	ĺ	
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11:45-13:15 Parallel Session 1a	Social	Parallel Session 1b	Betting
11:45-12:15 Alun Owen	Alcohol and Soccer in Brazil	Luca De Angelis	Testing for Momentum Effect in Sports Betting Markets
12:15-12:45 Jorge Tovar*	Emotions and Performance: A Quasi Natural Experiment from the FIFA World		Staking and losing in live betting markets: how bookmakers profit
	Cup		profit
42.45 42.45 Alva Overs	·	Nicolas Consis Ass. 19	Compatition and battle and bat A compatition between 5
12:45-13:15 Alun Owen	Why Are We Always On Last?	INICOIAS GARCIA ARAMOUNI	Competitiveness and betting markets: A comparison between European and
			American football leagues
13:15-14:30 Lunch			
14:30-16:30 Parallel Session 2a	Scheduling	Parallel Session 2b	Community Impact - BBFA/RFCT
14:30-15:00 Martin Mariusz Lester	Break minimisation in sports timetabling using modern SAT solvers	Dan Rook	Reading FC Community Trust
15:00-15:30 Toni Martinez-Sykora	A Matheuristic for Scheduling Double Round-Robin Sports Tournaments	Liz Verrall	Berkshire and Buckinghamshire Football Association
15:30-16:00 Miao Li	Scheduling non-professional leagues using a Swiss tournament system	James Reade	University of Reading
16:00-16:30 Juan Jose Miranda Bront*	Rescheduling the NBA regular season via Integer Programming	1	. •
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19:00-21:00 Conference Dinner - BBQ		ĺ	
Tuesday July 12			
09:30-10:00 Coffee			
10:00-12:00 Parallel Session 3a	Analytics	Parallel Sessions 3b	Scheduling
10:00-12:00 Parallel Session Sa 10:00-10:30 Jessica Hargreaves	Modelling bookings in (men's and women's) association football	Laszlo Csato	What is the optimal schedule for the UEFA Champions League groups?
10:30-11:00 Pete Philipson	Yellow fever: an investigation into yellow cards in the 'Big 5' European	Frits Spieksma	Balanced Seedings for Elimination Round Robin Tournaments
10.50-11.00 Pete Pillipson		rrits spieksinu	balanced seedings for Elimination Round Robin Tournaments
	football leagues using a grid-based Conway-Maxwell-Poisson model	1	
11:00-11:30 Padmanaba Srinivasan	The Path to GOAT-ness: Classifying Tennis Strokes	Enja Marie Herdejürgen*	Competition Format, Prize Money and Self-Selection: Empirical Evidence from
		ĺ	Show Jumping
11:30-12:00 Ziyi Zhang*	Automatic screen-play classification in basketball via semi-supervised learning	İ	
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12:00-14:00 Lunch		ĺ	
14:00-15:30 Parallel Session 4a	Policymaking Impact - DCMS	Parallel Session 4b	Strategy
14:00-14:30 Matthew Yeo	On the quality of sporting facilities and a range of economic and social	Tankut Atan	A Statistical Review of Referee Assignments for Chosen European Football
17.00 17.00 MULLIEW ICO	outcomes	Turinut Atail	Leagues
44-20 45-00 14-44	outcomes	Alabama biling	•
14:30-15:00 Matthew Scott-Clark, DCMS		Nobuyoshi Hirotsu	A Markov game model for determining tactical changes in an association
		ĺ	football match
15:00-15:30 David Wilks, DCMS		Hiroshi Nakahara*	Evaluating a third base coach's decision making via game theory and machine
		ĺ	learning
16:00-23:59 Trip to Brentford Community Stadi	ium for Euro 2022 Spain vs Germany	ĺ	
Wednesday July 13			
09:00-11:00 Session 5	Analytics	ĺ	
09:00-09:30 David Winkelmann	A Bayesian Approach for Analysing Player-Heterogeneity in the Hot Hand	ĺ	
09:30-10:00 Joonas Pääkkönen	Cross-country Skiing FIS Point Prediction with Tapering Data and Deep Neural	ĺ	
	Networks	ĺ	
10:00 10:30 Dana Culum		ĺ	
10:00-10:30 Dana Sylvan	Using geostatistics to model and visualize batting ability in baseball	ĺ	
10:30-11:00 Chi Kwong Yeung*	Forecasting Football Match Result with GAP Rating and Player Rating	ĺ	
		ĺ	
11:00-11:30 Coffee			
11:30-13:00 Parallel Session 6a	Analytics	Parallel Session 6b	Betting
11:30-12:00 James Reade	Are women more emotional? Evaluating collective decision making by gender	Dóra Gréta Petróczy	Competitive balance in Formula One with different point systems
1	using international football	1	
12:00-12:30 Dries Goossens	Result-based talent identification in road cycling	W. Benedikt Schmal	Rabbits Caught in the Headlights: Experts, Crowd Wisdom, and Belief
			Updating
12:30-13:00 Rory Bunker*	The Bogey Phenomenon in Sport	Rouven Michels	Do bettors value actions on the pitch?
12.30 13.00 NOLY BUILDEL	The Bogey Menomenon in Sport	Nouvell WHEIRIS	DO DECLOTS value actions on the picen:
13:00-14:00 Lunch		ĺ	
13:00-14:00 Lunch			







