



**4<sup>th</sup> Lancaster Game Theory Conference (LGTC2018)**

2<sup>nd</sup> – 3<sup>rd</sup> November 2018: Lancaster University Management School (LUMS)

**Programme**

Day 1: Friday 2<sup>nd</sup> November 2018

Venue: Lancaster House Hotel Conference Centre (Room: Training Room 2)

11:00 – 11:30 *Registration and Welcome*

11:30 – 12:15 **Plenary Talk 1 (Chair: Alexander Matros)**

**Mark Armstrong** (University of Oxford)  
*Competition with captive customers*

12:15 – 13:30 *Lunch (at LH Hotel)*

13:30 – 15:30 **Regular Session 1 (Chair: Aurelie Slechten)**

**Toomas Hinnosaar** (Collegio Carlo Alberto)  
*Price setting on a network*

**Tatiana Mayskaya** (Higher School of Economics)  
*Cognitive hierarchical model in networks*

**Orestis Troumpounis** (Lancaster University)  
*Communication and the emergence of a unidimensional world*

**Martin K. Jensen** (University of Surrey)  
*Diversity in games with aggregative objective*

15:30 – 16:00 *Break (Coffee and Tea) + Poster Session A*

16:00 – 17:30 **Regular Session 2 (Chair: Dave Rietzke)**

**Tarun Sabarwal** (University of Kansas)  
*Strategic complements in two stage 2x2 games*

**Sourav Bhattacharya** (Royal Holloway University of London)  
*Condorcet Jury theorem in a spatial model of elections*

**Helmut Azacis** (Cardiff University)  
*Repeated implementation with overlapping generations of agents*

17:30 – 18:00 *Break (Coffee and Tea) + Poster Session A*

18:00 – 18:45 **Plenary Talk 2 (Chair: Alexander Matros)**

**Eval Winter** (Lancaster University and The Hebrew University of Jerusalem)  
*Raising capital from heterogeneous agents*

18:45 *Departure for conference dinner (LH Hotel)*



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Day 2: Saturday 3<sup>rd</sup> November 2018

Venue: Lecture Theatre 1 (LT1), LUMS Building

09:30 – 10:30 **Regular Session 4 (Chair: Konstantinos Georgalos)**

**Julia Brettschneider** (University of Warwick)  
*Perspectives on decision trees*

**Michele Lombardi** (University of Glasgow)  
*Do coalitions matter in designing rights?*

10:30 – 11:00 **Break (Coffee and Tea)**

11:00 – 12:30 **Regular Session 5 (Chair: Sonali SenGupta)**

**Philipp Renner** (Lancaster University)  
*Machine learning for dynamic incentive problems*

**Peter Hammond** (University of Warwick and Stanford University)  
*Monte Carlo integration in aggregative large games*

**Kevin Reffett** (Arizona State University)  
*Distributional equilibria in stochastic supermodular games with a measure place of players*

12:30 – 13:45 **Lunch + Poster Session B**

13:45 – 15:45 **Regular Session 6 (Chair: Patricia Esteve Gonzalez)**

**Constantine Sorokin** (NRU Higher School of Economics)  
*Pure information design in classical auctions*

**Dimitri Migrow** (University of Calgary)  
*Multi-agent information acquisition and sharing*

**Arina Nikandrova** (University of London Birkbeck)  
*Delegation of learning from multiple sources of information*

**Vladyslav Nora** (Nazarbayev University)  
*Screening and transparency*

15:45 – 16:15 **Break (Coffee and Tea)**

16:15 – 17:00 **Plenary Talk 3 (Chair: Alexander Matros)**

**Sanjeev Goyal** (University of Cambridge)  
*The strategy of conquest*

17:00 **Farewell**



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**Poster Session A**

**Adriana Correia** (Utrecht University)

*Nash equilibria in the response strategy of correlated games*

**Konstantinos Protopappas** (Lancaster University)

*Robust comparative statics in asymmetric contests*

**Arko Chatterjee** (Indian Institute of Technology Bombay and McKinsey and Co., India)

*Evolutionary stability in games on networks*

**Joachim Heinzel** (Paderborn University)

*Oligopolistic competition with differentiated outputs and inputs*

**Gleb Polevoy** (University of Amsterdam)

*Solutions to games, transitions and efficiency*

**Poster Session B**

**Samuel Muller** (University of Mannheim)

*Decision making in a complex environment*

**Angelika Endres** (Paderborn University)

*The impact of product qualities on downstream bundling in a decentralized channel*

**Sakib Anwar Chowdhury Mohammad** (Lancaster University)

*Tax evasion, embezzlement and public good provision*

**Felix Mauersberger** (Universitat Pompeu Fabra)

*Thompson sampling: endogenously random behaviour in games and markets*

**Gleb Polevoy** (University of Amsterdam)

*Solution concepts for shared effort games and flexibility of general solution concepts*

**Anwesha Mukherjee** (University of Surrey)

*A combinatorial multiple winner contest with package designer preferences*