



Descriptive & Normative Models of Collective Behaviour

Leeds, 20-24th June 2022

Programme:

Monday 20th of June, University of Leeds - School of Mathematics - MALL, Level 8.

- 09:00 Registration open
- 09:30 Welcome and Introduction.
- 10:00 Alfonso Perez-Escudero
- 11:00 Coffee break.
- 11:30 Ariana Strandburg-Peshkin
- 12:30 Lunch.
- 14:00 ECR Talks
 - Jon Aguiñaga
 - Emily Grout
- 15:00 Coffee break.
- 15:30 Joseph Bailey
- 16:00 Nico Gradwohl: The dynamics of consensus decision making in human networks
- 16:30 Discussion time
- 17:00 Close / dinner / pub

Tuesday 21th of June, University of Leeds - School of Mathematics - MALL, Level 8.

- 9:30 Marina Papadopoulou
- 10:30 Coffee break.
- 11:00 ECR Talks
 - Alid Al-Asmar
 - Pranav Minasandra
 - Anna Sigalou
- 12:00 Lunch.
- 13:30 Pavel Romanczuk
- 14:30 Coffee break.



- 15:00 Luis Gomez
- 15:30 Conor Heins: Active inference and collective behavior
- 16:30 Discussion time
- 17:00 Close / dinner / pub

Wednesday 22th of June, University of Leeds - School of Mathematics - MALL, Level 8.

- 9:30 Netta Cohen
- 10:30 Coffee break.
- 11:00 Vishwesh Guttal
- 12:00 Extended lunch time for discussion and/or to explore Leeds
- 15:30 Charlotte Hemelrijk: Self-organized motion and collective escape in schools of fish and flocks of starlings
- 16:30 Discussion time
- 17:00 Close / dinner / pub

Thursday 23th of June, University of Leeds - School of Mathematics - MALL, Level 8.

- 9:30 Vivek Sridhar: Collective computation across scales of biological organisation
- 10:30 Coffee break.
- 11:00 Andrea Flack
- 12:00 Lunch.
- 13.30 Pritish Chakravarty
- 14.00 Wolfram Barfuss
- 14.30 ECR Talks
- Arshed Nabeel
- Rolf Storms
- 15.00 Coffee break.
- 15:30 Danny Raj: Inferring the intrinsic properties of agents in a heterogeneous collective
- 16:30 Discussion time
- 17:00 Close / dinner / pub



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Friday 21th of June, University of Leeds - School of Mathematics - MALL, Level 8.

- 9:30 Richard Mann: Collective behaviour of rational individuals
- 10:00 Valentin Lecheval: Smart self-propelled particles
- 10:30 Coffee break
- 11.00 Wrap up and open discussion
- 12.00 Close / lunch

Attendees are welcome to remain at the School of Mathematics for further discussions throughout Friday or to explore beautiful Leeds!



Refractory, Co-Op
Student Union

Other local takeaways

Roger Stevens Cafe

City centre

