SCIENTIFIC MEETING
Collective intelligence, forms, functions & evolution across species, societies, & industries

DAY 1
Wednesday, May 15

9:00 - 9:30	**Coffee break**
9:30 - 10:00	Introduction - the evolution of collective intelligence *Edmond Seabright (Universite Mohammed VI Polytechnique)*
Session 1	**CI for non-human animals**
10:00 - 10:30	Collective and associative learning in insect colonies *Takai Sasaki (University of Georgia)*
10:30 - 11:00	Clever vermin? Collective intelligence in rats and roaches *Bruce Rawlings (Durham University)*
11:00 - 11:30	**Coffee break**
11:30 - 12:00	A comparative study of cooperative sustainability: collective resource management in chimpanzees and children *Rebecca Koomen (University of Dundee)*
12:00 - 12:30	Collective reasoning enables animal collectives to achieve benefits not available to individuals *Chris Krupenye (Johns Hopkins University)*
12:30 - 13:00	Joint Q&A for Speakers in Session 1
13:00 - 14:00	**Lunch**
Session 2	**CI and Social Structures**
14:00 - 14:30	Inter-group connectivity and collective intelligence in humans and chimpanzees *Andrea Migliano (University of Zurich)*
14:30 - 15:00	Social Structure as Predictors of Collective Decision-Making Efficiency in Human Groups *Bhavya Vadavalli (Boston University)*
15:00 - 15:30	**Coffee break**
15:30 - 16:00	Engineered Social Worlds: Symbolic Material Culture and Collective Intelligence *Francesco D'Errico (CNRS, University of Bordeaux)*
16:00 - 16:30	Joint Q&A for Speakers in Session 2
16:30 - 17:00	**Coffee break**
17:00 - 18:00	**Open Discussion Day 1:** Collective intelligence: Establishing a consensus on definitions, boundaries and framework. *Discussant and Chair: Andy Whiten (University of St. Andrews)*
18:00 - 19:00	**Poster Session I and Tea**
20:00 - 21:00	**Dinner at campus hotel**

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DAY 2

Thursday, May 16

9:00 - 9:30	**Coffee break**
Session 3	**CI, complexity, and collective problem-solving**
9:30 - 10:00	Collective Intelligence and Problem-Solving in Early Childhood *Bahar Köymen (University of Manchester)*
10:00 - 10:30	Exploring solutions to the tragedy of the commons: efficiency traps and emissions cuts *José Segovia-Martin (Université Mohammed VI Polytechnique)*
10:30 - 11:00	**Coffee break**
11:00 - 11:30	Evolution of collective problem-solving strategies *Maria Pykälä (University of Lausanne)*
11:30 - 12:00	Intentionality, Collective Intelligence, and the Evolution of Complexity *Joseph Tainter (Utah State University)*
12:00 - 12:30	Joint Q&A for Speakers in Session 2
12:30 - 14:00	**Lunch and Poster Session II**
Session 4	**Mechanisms for Improving CI**
14:00 - 14:30	Aggregating non-binary judgments: Collective consistency, truth-tracking, and non-manipulability *Christian List (Ludwig Maximilians University)*
14:30 - 15:00	Asymmetrical social copying drives behavioural cascades following a shock event *Mehdi Moussaid (Université Mohammed VI Polytechnique)*
15:00 - 15:30	**Coffee break**
15:30 - 16:00	Synthetic and integrative approaches to intelligence in social contexts *Geoff Mulgan (University College London)*
16:00 - 16:30	Joint Q&A for Speakers in Session 4
16:30 - 17:00	**Coffee break**
17:00 - 18:00	**Open Discussion Day 2:** Improving cross-disciplinary conversation around CI. *Discussant and Chair: Monique Borgerhoff Mulder (University of California Davis)*

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