

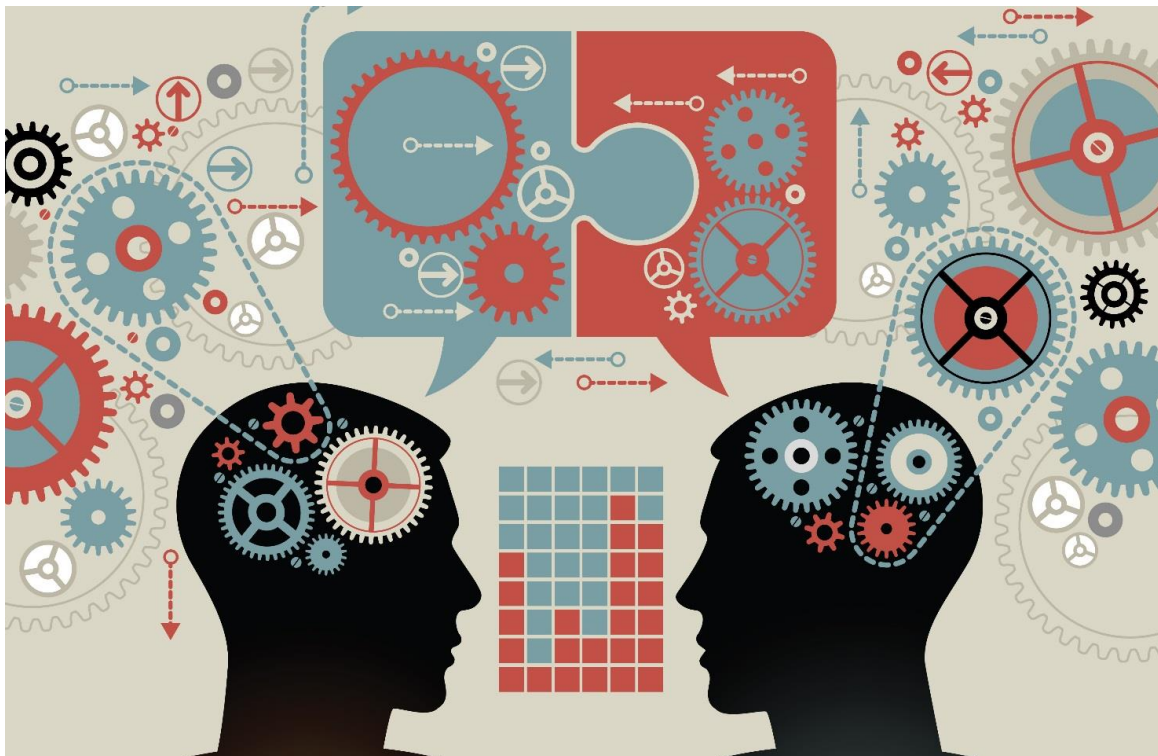
The Human Mind Project Collective Intelligence



14th October 2015

Nesta Headquarters, London

The notion of collective intelligence is increasingly being invoked in discussions about networked democracy, citizen science, group decision-making and collective reasoning, e-health, and crowdsourcing. But the question remains as to how collaborative platforms emerge from the interaction of individuals. Organized in partnership with Nesta (www.nesta.org.uk), *Collective Intelligence* brings together a wide range of experts from the social and cognitive sciences, including public policy and information analysis, to discuss what makes groups smart, and how networked publics can generate results that single agents cannot achieve individually.



Nesta...

Event Programme

- 8.45 *Registration and Coffee*
- 9.30 Welcome and Introduction
Stefana Broadbent, Head of Collective Intelligence, Nesta

Morning Session

Case Studies: New Forms of Collective Deliberation

Emerging social movements in various regions of the world are producing new forms of digitally-mediated citizen participation. What are the implications of direct digital democracy? How do these new forms of digitally mediated collective deliberation work?

- 09.45 **Paolo Gerbaudo**, Kings College London
Arnau Monterde, IN3, Barcelona
- 10.45 *Coffee Break*

Roundtable Discussion

Collective Intelligence and the Roots of Social Cognition

What makes groups smart, and how can interactive dynamics generate results that single agents cannot achieve individually? This round table discussion brings together contributions from the social and cognitive sciences to discuss the structure and function of the social mind.

- 11.30 **Chris Frith**, University of London
Robin Dunbar, University of Oxford
Chaired by **Mattia Gallotti**, *The Human Mind Project*, University of London

First Breakout Sessions

- 12.15 Breakout sessions will give small working groups the opportunity to discuss the cognitive, social and technical challenges emerging from the integration of digital technologies and collective action. The sessions will be facilitated.
- 13.00 *Lunch Break*

Afternoon Session

13.45 Welcome Back

Geoff Mulgan, Chief Executive, Nesta

THE COMPONENTS OF A PLAUSIBLE THEORY OF COLLECTIVE INTELLIGENCE

Collective Decision-Making and Reasoning

An argumentative theory of reasoning suggests that reasoning evolved to argue with others and that we are better at reasoning in groups than alone. How do processes of collective deliberation work?

14.00 **Hugo Mercier**, Universite de Neuchatel, Switzerland

THE ARGUMENTATIVE THEORY OF REASONING

Bahador Bahrami, University College London

METACOGNITIVE PROCESSES IN COLLECTIVE DECISION-MAKING

Extending the Collective Mind

Theories of distributed cognition and extended cognition can provide a background with which to reflect upon the crucial role of technology in the processes of collaboration and joint activity.

15.00 **Orestis Palermos**, University of Edinburgh

EXTENDED GROUP KNOWLEDGE

Licia Capra, University College London

QUANTIFYING BIAS IN SPATIAL CROWDSOURCING DATASETS

16.15 *Refreshment Break*

Second Breakout Sessions

16:30 The second breakout sessions will again be a small group facilitated discussion of the implications of the research presented during the day. Outputs will be collected and shared after the conference.

Closing Remarks

17.00 **Sir Colin Blakemore**, *The Human Mind Project*, University of London

17.15 *Drinks Reception*

18.00 *End of Day*