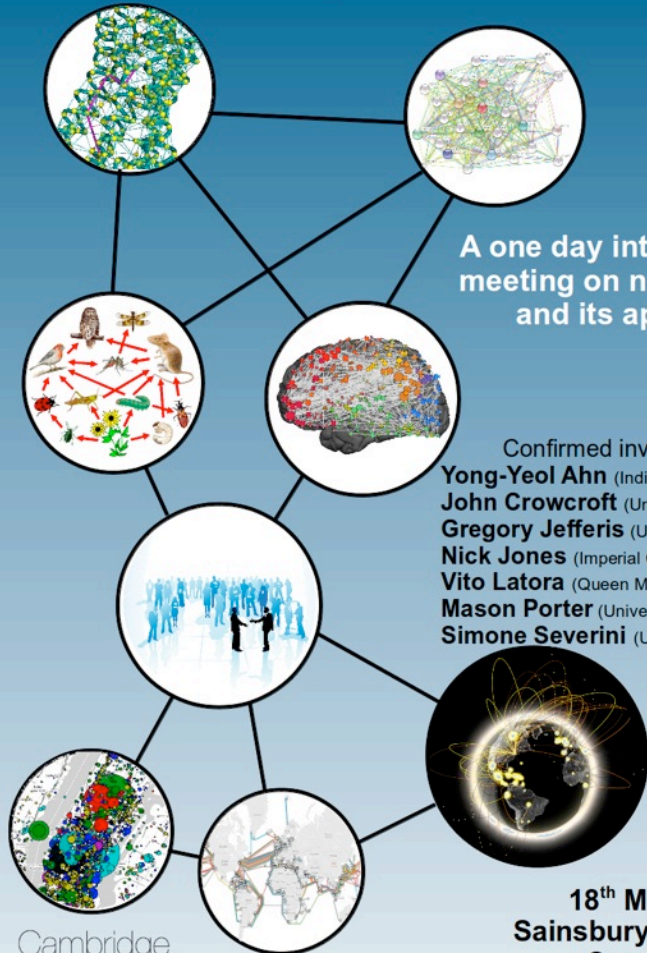


# Cambridge Networks Day



A one day interdisciplinary meeting on network theory and its applications

Confirmed invited speakers:

**Yong-Yeol Ahn** (Indiana University Bloomington)

**John Crowcroft** (University of Cambridge)

**Gregory Jefferis** (University of Cambridge)

**Nick Jones** (Imperial College London)

**Vito Latora** (Queen Mary, University of London)

**Mason Porter** (University of Oxford)

**Simone Severini** (University College London)

18<sup>th</sup> May 2012

Sainsbury Laboratory  
Cambridge

For more details and poster submissions:  
<http://www.cnn.group.cam.ac.uk>

Cambridge  
Networks  
Network

Sponsored by:  
Behavioural & Clinical neuroscience Institute, University of Cambridge  
Cambridgeshire & Peterborough NHS Foundation Trust

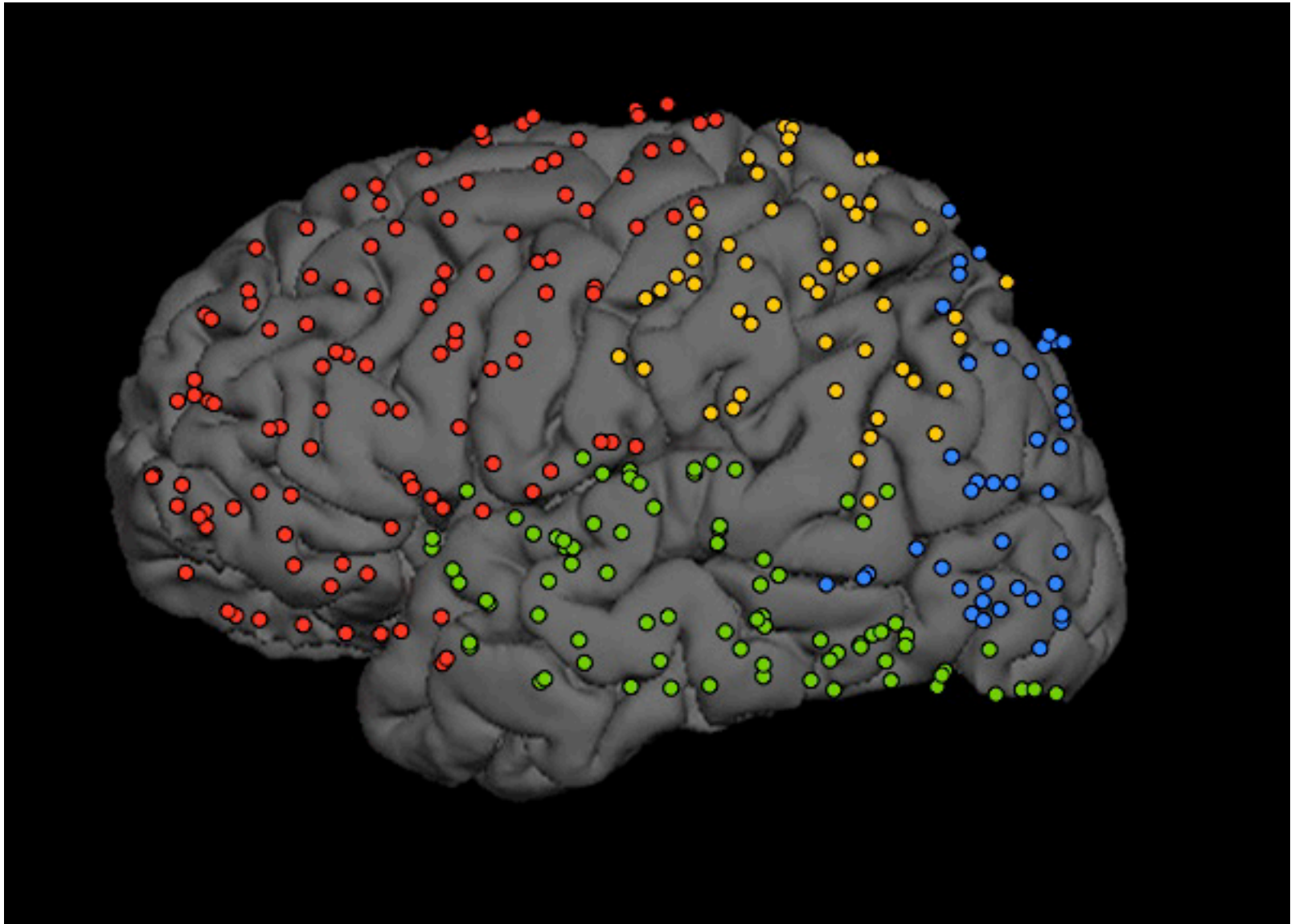
sgi

## Opening Remarks

Ed Bullmore



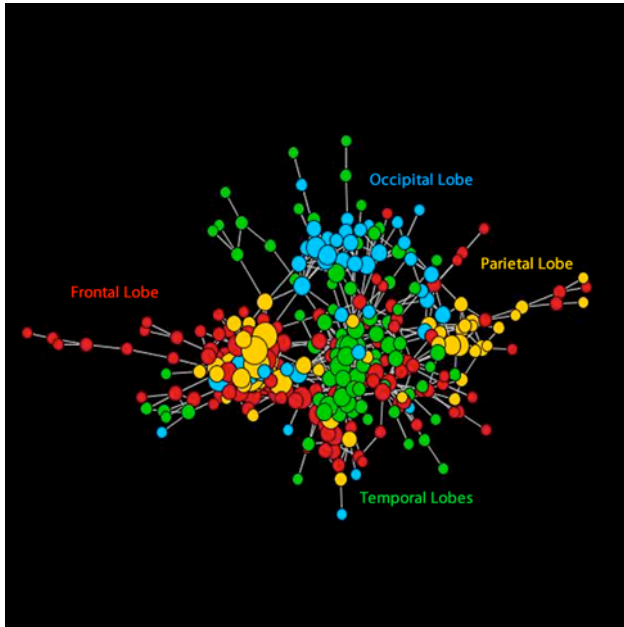
UNIVERSITY OF  
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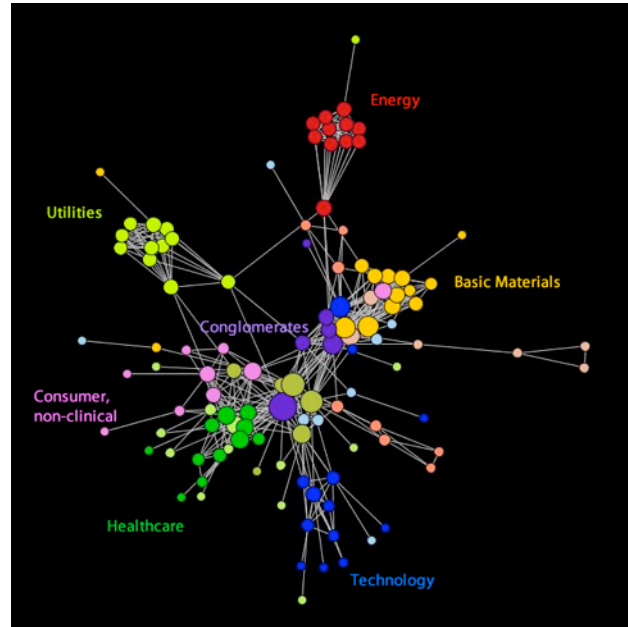
Vertes et al (2011)  
*YouTube* "Twitterbrain"



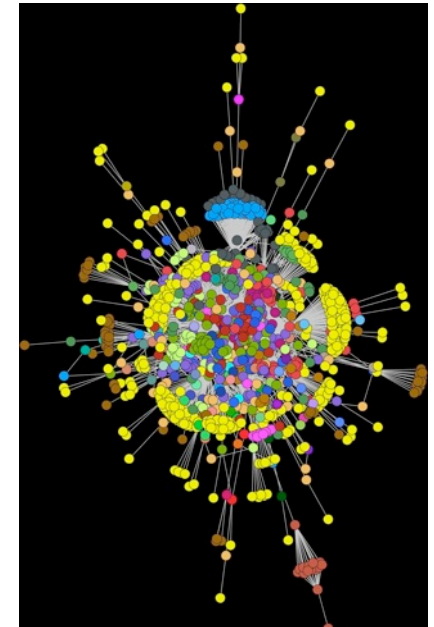
# What's special and what's not so special about human brains compared to other complex networks?



Human Brain Network  
Resting state FMRI



Economic Network  
New York Stock Exchange



Social Network  
Twitter #gadaffi

10:00 - 10:40	<b>Mason Porter</b> “Community Structure in Networks”
10:40 - 11:20	<b>Vito Latora</b> “Time-Varying Networks”
11:20-11:40	Coffee
11:40 - 12:20	<b>Greg Jefferis</b> “Neural Networks of the Fly Brain”
12:20 - 13:00	<b>Nick Jones</b> “Fungal networks”
13:00 - 14:30	Buffet lunch and poster session
14:30 - 14:40	<b>Ottoline Leyser</b> “Research in the Sainsbury Lab”
14:40 - 15:20	<b>Yong Yeol Ahn</b> “LinkClustering Reveals Multi-Scale Structural Complexity in Networks”
15:20 - 16:00	<b>Simone Severini</b> “Networks Through a Quantum Lens”
16:00 - 16:20	Coffee
16:20 - 16:40	<b>Jon Crowcroft</b> “Through a Graph, Darkly”
16:40 - 16:50	Poster prize
16:50 - 17:20	Open discussion on emerging themes
17:20 - 17:30	Concluding remarks
17:30 - 18:00	<b>Visit to the Botanic Gardens</b> Take a chance to wander through the gardens that surround the Sainsbury Lab

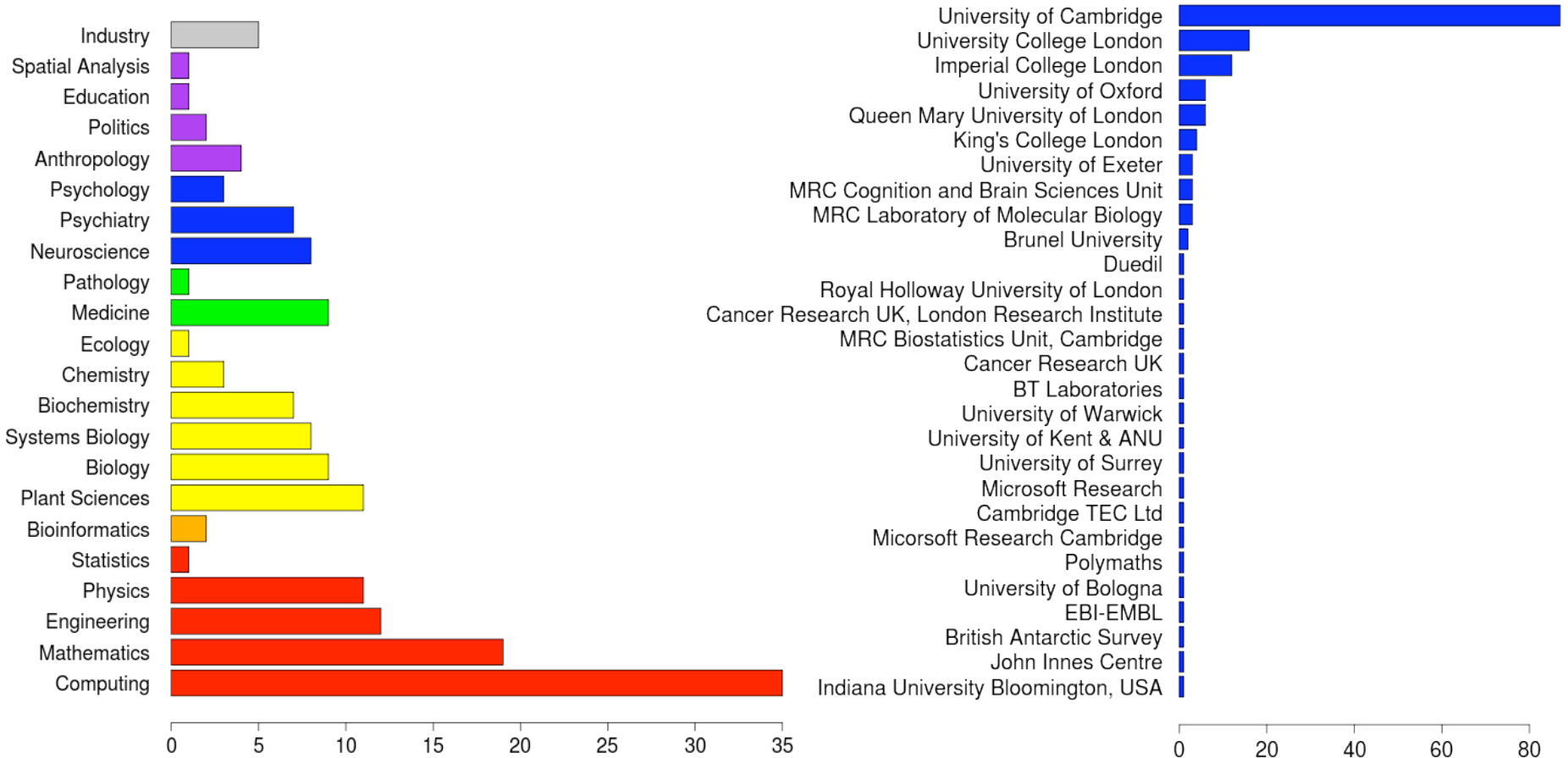


# Participants

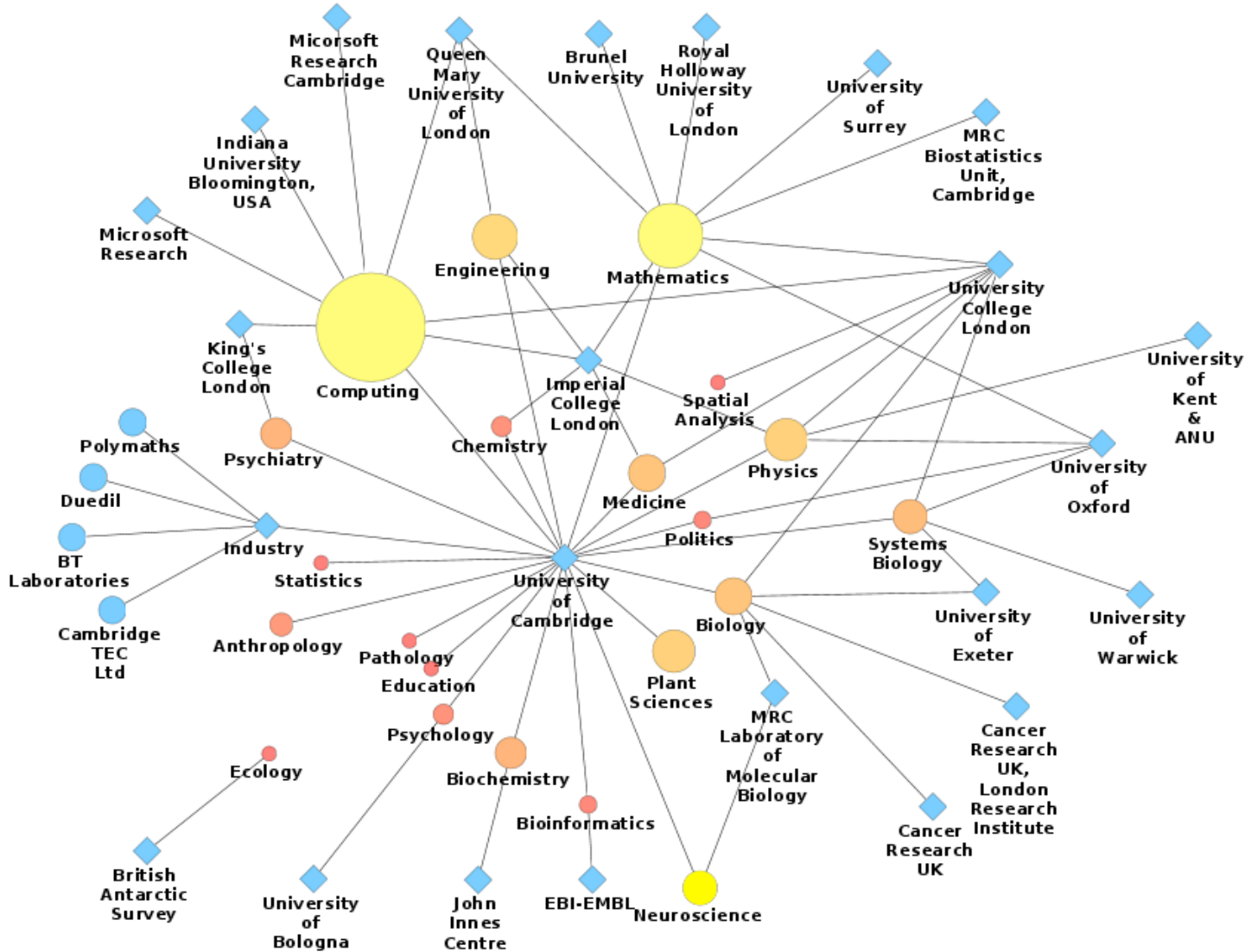
150 people

30 institutes

22 research areas



# Cambridge Networks Network



# Organizers

[www.cnn.group.cam.ac.uk](http://www.cnn.group.cam.ac.uk)



**Petra Vertes**  
Behavioural & Clinical Neuroscience  
Institute  
Department of Psychiatry



**Vera Pancaldi**  
Department of Plant Sciences



**Sebastian Ahnert**  
Department of Physics