



THEME

Following the series of workshops in Cambridge, UK (2007), Hawthorne, UK (2008), Biowire09 aims at bringing researchers in diverse fields together to exchange ideas and knowledge of complex systems such as living systems to large communication networks.

An important emerging property of many complex systems is self-organisation. Examples of self-organized motions are in neuronal circuits, schools of fish, ants, flocks of birds, or herds of ungulate mammals, vehicle traffic on a highway, pedestrian crowds. Such a self-organizing collective behaviour is difficult to predict from the knowledge of individual agent's behaviour.

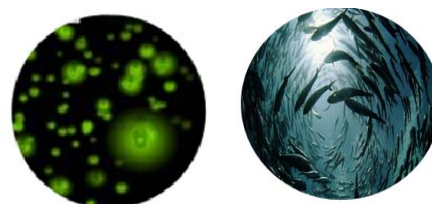
Biowire workshop brings researchers from Biology, System Biology, Mathematics, Physics, Computer Science, and Engineering, together to discuss how to develop new methodologies in both theoretical and systems aspects of wireless and sensor networks (or vice versa).

The Program is now online:
<http://www.cl.cam.ac.uk/conference/biowire09/Biowire09/Program.html>

We are now soliciting posters and demos for the workshop.

Topics of interest include:

- Self-organisation and synchronisation in living systems
- Homeostatic properties and design
- Bio-inspired networks and robotics
- Delay tolerant and sensor networks
- Large scale data analysis and knowledge discovery



SUBMISSION REQUIREMENTS

Poster abstract should be no longer than 5 pages inclusive of all references and figures in LNCS format. The standard template and guidelines can be found here:
<http://www.springer.com/computer/lncs?SGWID=0-164-7-72376-0>.

All submissions must be made electronically at the poster abstract submission website:
<https://www.easychair.org/login.cgi?conf=biowire09>.

All poster abstracts must be submitted in either PDF (preferred) or postscript. Please ensure that any special fonts used are included in the submitted documents. All papers must be original, and have not been published elsewhere. Selected posters will be invited for publication in Springer LNCS in the post workshop proceedings.

IMPORTANT DATES

Poster Abstract Submission **June 7, 2009 (extended)**
Authors Notification **June 10, 2009**

Workshop Dates **June 11-12, 2009**



ORGANIZERS

- Pietro Lio** (University of Cambridge)
- Jon Crocrownft** (University of Cambridge)
- Richard Gibbens** (University of Cambridge)
- Eric Yu-En Lu** (University of Cambridge)
- Eiko Yoneki** (University of Cambridge)
- Don Towsley** (University of Massachusetts Amherst, USA)
- Dinesh Verma** (IBM T J Watson Research Center, USA)
- Ananthram Swami** (Army Research Lab, USA)
- Tom McCutcheon** (DSTL MoD, UK)

