



# PhD student conference on

# Complex Systems

## 27<sup>th</sup> June 2014 – Brunel University



### Background:

“A complex system is a system composed of many interacting parts, often called agents, which displays collective behavior that does not follow trivially from the behaviors of the individual parts.” (Mark Newman).

Emergent complexity can be witnessed almost everywhere, whether it is in a swarm of **insects**, in a **business** enterprise, in a group of **people**, in a **market** place, or in a collection of **atoms**.

Many problems that are posed nowadays in science are problems of complexity. Solutions for these problems require multidisciplinary approaches.

### Goals:

create a community of young researchers in Brunel to...

- exchange ideas on how to tackle the challenges that arise from complexity
- learn about interesting applications and techniques in this field and
- initiate future research collaborations.

### Invited speakers:

**Keynote:** Prof. Geoff Rodgers (VP Research)

Georgia Melaki (Economics)

Amy Monroe (Psychology)

Stanley Okom (Environmental Science)

Ovidiu Pârvu (Information Systems and Computing)

**Organiser:** Konrad Hoppe (Mathematics)

**Abstract submission deadline 30<sup>th</sup> May, 2014**

<http://sites.brunel.ac.uk/complexity2014>



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