Agenda

General Network Discussion Meeting: November 30th, 2012
Location: Radcliff Building (Central campus), University of Warwick

10:00-10:30 Arrivals, Tea/Coffee available

10:30-12:00 Introductions:

Each node should designate a person to present their current research topics and interests. Indicate if you already know which other nodes you would like to collaborate. Spell out a possible pilot projects, which would require expertise the node does not have.

12:00-12:30 Administrative issues:

- *Travel expenses: travel claim forms available, when completed post it to Taherah Nureen (details will be on the Network web page)*
- *Date of the next meeting: suggestions for the date (June?)*
- *workshop organization: "Large Deviations: theory and application" will be the most likely first workshop*

12:30-14:00 Buffet Lunch, Networking, Private Discussions

14:00-15:00 Splinter sessions:

We split to 3 groups and discuss following topics

Common topics:

1. How do we define equilibrium?
2. What is the ultimate goal: will there be a theory of systems far from equilibrium?

Then each group should discuss one of these:

Group A: *Emergence of structures and patterns*: how generic is such behavior? Are large structures modeled by the same equations as the rest of the system?

Group B: *Dynamics of large-scale failure:* are all sudden changes preceded by precursors? What are the tools available to study this phenomenon?

Group C: *Response to strong driving and shocks*: how to model response of the system to strong driving? What sort of experimental results could help to progress this part of the field?

15:00-15:30 Re-group in the main room:

Summary of discussions and initial synthesis, emerging views.

15:30-16:00 Coffee break

16:00-17:00 Final discussion

- *The Network sponsors students participating in Warwick Complexity DTC Summer School (flat amount of 2500 GBP).*
- *Cosponsoring visiting fellowship application for Paul Krapivsky (Boston Univ), workshop organization*
- *ICAAM Network Association*
- *How do we enlarge the Network: condensed matter sub-network?*
- *What will constitute a reported outcome of the Network*