



3rd Quarter 2008

Dear Reader,

Our newsletter provides you with information about recent developments in the European Project COLL-PLEXITY, in particular, about the progress in our project. Moreover, you will find relevant news about upcoming events in the field of complexity and collaboration research. We hope you will enjoy reading it.

Your COLL-PLEXITY team

Current state of the COLL-PLEXITY project

We closed a very successful quarter in our project that resulted in a system and a problem model as the main outcomes of work package 3. The two models analyse the system characteristics and the complexity problems in a unified way: while their inner structures are explored and illustrated with a software tool based on the method of "cross-linked thinking", their relevance as complexity drivers are evaluated according to their relations to the complexity dimensions by novel complexity measures. This methodology means the partial realisation of our "multi-matrix" approach which will be completed in work package 4. To assure the generality and objectivity of the system model, it was developed independently of particular networks, but the problem model is the result of several workshops with "Schiesser AG" and "Virtuelle Fabrik AG" which guarantees its practical relevance.

We also started work package 4 aiming at integrating the system and the problem models in a unified Generic Model of Complexity (GeMoC). For this purpose, we developed a recursive framework based on the Viable System Model (VSM), identified its levels, described the internal structures of each levels and provided a mapping between the system characteristics and the framework.

As for the future work, we continue work package 4 with the development of the GeMoC merging the system and problem descriptions, the multi-matrix approach and the recursive framework into a complete model. We decided to try publishing the results and experiences of the project in a journal and present the model also at a complexity-related conference.

In addition, we have just started WP5 which aims at validating the proposed GeMoC with the help of our industrial partners.

Upcoming events

October 9-11, 2008: 1st icc INTERNATIONAL CONFERENCE ON NETWORK MODELLING AND ECONOMIC SYSTEMS in (Lisbon, Portugal)

www.listaweb.com.pt/icc/icc-nmes2008

February 23-25, 2009: The First International Conference on Complex Systems: Theory and Applications (Shanghai, China), www.complex-sys.org

May 1-4, 2009: POMS Conference (Orlando, Florida, USA) www.poms.org

May 11-14, 2009: EURAM Conference (Liverpool, UK) www.euram2009.org

June 14-17, 2009: EUROMA Conference (Göteborg, Sweden) www.euroma2009.org

Call for Papers

October 31, 2008: Organization Science, "The Genesis and Dynamics of Networks" (Paper submission deadline for Special Issue Conference on Network Dynamics: June 2009, Italy)

www.informs.org/site/Organization_Science/index.php?c=13&kat=Submission+Guidelines

May 11-14, 2009: EURAM Conference "Renaissance and Renewal in Management Studies" (Submission of full paper: 5 December 2008) www.euram2009.org

June 14-17, 2009: EUROMA Conference. Focus on interaction between academia and industry in Operations Management research. (Deadline for submission of extended abstract: 16 January 2009) www.euroma2009.org

Please visit www.coll-plexity.net for further project information.

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