1st International Workshop on Computer Supported Activity Coordination – **CSAC 2004**

April 13-14, 2004 – Porto, Portugal

Preliminary Program

Sessions:

	13 April		14 April
8:00	Welcome Desk		
		8:30	Session 4
8:30			1197 - Knowledge Sharing in Negotiation Process Coordination
	Opening Session	9:00	1034 - Collaboration: is it only a metaphor? - an action perspective on how to make it real
9:15	Opening		
9:30	Invited Talk - Kevin Crowston - Coordination Theory: A Ten-Year Retrospective	9:30	1022 - Modeling Processes for Managing Reputation Information – A Petri Net Approach
		10:00	1002 - Goal-Oriented Business Process Engineering Revisited: a Unifying Perspective
10:30	Coffee-Break	10:30	Coffee – Break
	Session 1		Session 5
11:00	861 - Building workflows definitions based on business cases	11:00	700 - A User-Oriented Model-Driven Requirements Elicitation Process based on User Modeling
11:30	999 - CoMex - A Mechanism for Coordination of Task Execution in Group Work	11:30	973 - Cross-enterprise Process Orchestration – Framework for Collaborative Process Automation
12:00	1190 - Coordination practices within FLOSS development teams: The bug fixing process	12:00	1129 - From Business Process Modelling to Business Process Automation
12:30	892 - Prescribing e-Learning Activities Using Workflow Technologies	12:30	1143 - A Web-Service Based Architecture for the Inter-Organizational Coordination of Activities
13:00	Lunch	13:00	Lunch
	Session 2		Poster Session
14:30	1044 - Teaching Nurses to Build a Hospital Without Walls: Developing a Training Curriculum for Telehomecare	14:30	CSAC 2004 Posters
15:00	1098 - Supporting the sky Computer mediated co-operation to fly aircraft		
15:30	978 – Data driven process modelling for a hospital emergency department		
16:00	924 - An Authorization and Access Control Model for Workflow		
16:30	Coffee-Break	16:30	Closing
	Session 3		
17:00	880 - A chat system with knock-on-the-door sound and shadow		
17:30	1169 - Learning virtual project work		
18:00	884 - TeamEnabler: Towards ad hoc mCRM		
18:30	1188 - Empirical Study of Ad Hoc Collaborative Activities in Software Engineering		
19:00	Visit to a Wine Cellar (Caves Taylor) followed by workshop's dinner		

Detailed Program:

April, 13 2004

Time	Event
8:00	Welcome Desk opens
9:15	Opening Session
9:30 – 10:30	Keynote Speech by **Kevin Crowston** Coordination Theory: A Ten-Year Retrospective
10:30-11:00	Coffee-Break
11:00-13:00	Session 1 11:00 Building workflows definitions based on business cases *Jorge Cardoso* 11:30 CoMex - A Mechanism for Coordination of Task Execution in Group Work *Hilda Tellioglu* 12:00 Coordination practices within FLOSS development teams: The bug fixing process *Kevin Crowston and Barbara Scozzi* 12:30 Prescribing e-Learning Activities Using Workflow Technologies *Alberto B. Raposo, Mariano G. Pimentel, Marco A. Gerosa, Hugo Fuks and Carlos J. P. de Lucena*
13:00-14:30	Lunch
14:30-16:30	Session 2 14:30 Teaching Nurses to Build a Hospital Without Walls: Developing a Training Curriculum for Telehomecare *Duncan Sanderson and Lynda Atack* 15:00 Supporting the sky Computer mediated co-operation to fly aircraft *E. Kesseler* 15:30 Data driven process modelling for a hospital emergency department *Andrzej Ceglowski, Leonid Churilov and Jeff Wasserthiel* 16:00 An Authorization and Access Control Model for Workflow *Sodki Chaari, Chokri Ben Amar, Frederique Biennier and Joel Favrel*
16:30-17:00	Coffee-Break
17:00-19:00	Session 3 17:00 A chat system with knock-on-the-door sound and shadow *Keishi Suzumura, Natsuko Hikage and Yuko Murayama* 17:30 Learning virtual project work *Pentti Marttiin, Göte Nyman, Jari Takatalo and Jari A. Lehto* 18:00 TeamEnabler: Towards ad hoc mCRM *Achim P. Karduck and Amadou Sienou* 18:30 Empirical Study of Ad Hoc Collaborative Activities in Software Engineering *Sébastien Cherry and Pierre N. Robillard*
19:00	Visit to a Wine Cellar (Caves Taylor) followed by workshop's dinner

April, 14 2004

Time	Event
8:30-10:30	Session 4 08:30 Knowledge Sharing in Negotiation Process Coordination *Melise Paula, Jonice Oliveira and Jano Moreira de Souza* 09:00 Collaboration: is it only a metaphor? - an action perspective on how to make it real *Angela Lacerda Nobre* 09:30 Modeling Processes for Managing Reputation Information – A Petri Net Approach *Kirsten Lenz, Andrijana Mandaric and Andreas Oberweis* 10:00 Goal-Oriented Business Process Engineering Revisited: a Unifying Perspective *Dina Neiger and Leoind Churilov*
10:30-11:00	Coffee-Break
11:00-13:00	Session 5 11:00 A User-Oriented Model-Driven Requirements Elicitation Process based on User Modeling *Han Liu, Chao Li, Jizhe Wang, Qing Wang and Mingshu Li* 11:30 Cross-enterprise Process Orchestration – Framework for Collaborative Process Automation *Otmar Adam, Anja Hofer and Sven Zang* 12:00 From Business Process Modelling to Business Process Automation *Kuldar Taveter* 12:30 A Web-Service Based Architecture for the Inter-Organizational Coordination of Activities *Rainer Schmidt*
13:00-14:30	Lunch
14:30-16:30	Poster Session Activity Coordination in Collaborative Learning Environments *Carlos José M. Olguín, Alberto B. Raposo and Ivan Luiz M. Ricarte* Communication based workflow loop formalization using Temporal Logic of Actions (TLA) *José L. Caro, Antonio Guevara, Andrés Aguayo, and José L. Leiva* ARTICIEL: A supporting platform for collaborative work - Application to the creation of 3D-persons *Sabri Boutemedjet, Faysal Abouzaid, Omar Cherkaoui and Gilles Gauthier* Collaborative Workflow Management for Logistics Consortium *Leo Pudhota, Elizabeth Chang, Jon Davis and John Venable* A Formal Security Model for Collaboration in Multi-agency Networks *Salem Aljareh, Nick Rossiter and Michael Heather* Domain Oriented Meta-Modelling for change Management of Information System *Julie Chapron, Xavier Boucher, Patrick Burlat and Pierre Lebrun*
16:30	Closing

Invited Talk:

Coordination Theory: A Ten-Year Retrospective

Kevin Crowston
Syracuse University School of Information Studies

Abstract
In 1994, Malone and Crowston [1] published a paper describing Coordination Theory, a new interdisciplinary approach to studying coordination. Defining coordination as “managing dependencies”, the paper presented examples of similar coordination problems and mechanisms encountered in a variety of disciplines. For example, approaches to sharing resources have been analyzed in economics, organization theory and computer science, among others. Other dependencies identified as leading to coordination problems included producer/consumer dependencies, simultaneity constraints and task/subtask relations.
Since its publication, nearly 200 papers have referred to or made use of the Coordination Theory approach. In my talk, I will review the basic principles of Coordination Theory, discuss how it has been used and its impact, with particular attention to the papers to be presented at this workshop. I will then analyze developments in the theory since its inception and conclude by discussing possible areas for future work.

[1] T. W. Malone and K. Crowston, "The interdisciplinary study of coordina-tion," Computing Surveys, vol. 26, pp. 87–119, 1994.

Biography
Kevin Crowston joined the School of Information Studies at Syracuse University in 1996. He received his A.B. (1984) in Applied Mathematics (Computer Science) from Harvard University and a Ph.D. (1991) in Information Technologies from the Sloan School of Management, Massachusetts Institute of Technology (MIT). Before moving to Syracuse, he was a founding member of the Collaboratory for Research on Electronic Work at the University of Michigan and of the Centre for Coordination Science at MIT.
Professor Crowston has published numerous articles in the area of information systems and new organizational forms. His Ph.D. dissertation, “Towards a Coordination Cookbook: Recipes for Multi-agent Action”, won the International Centre for Information Technology (ICIT) Thesis Prize for best dissertation in Information Systems in 1991. He has been a co-principal investigator on several NSF grants, including “Tools for Inventing Organizations: Toward a Handbook of Organizational Processes” and “Effective work practices for Open Source software development”.
His current research interests include: empirical studies of coordination-intensive processes in human organizations; theoretical characterizations of coordination problems and alternative methods for managing them; and design and empirical evaluation of new kinds of computer systems to support people working together. A specific example of the final interest is the application of document genre to the World-Wide Web.