

SIG Summary Report

Summer meeting of the Policy Council 2008

Submitted by Deborah Campbell

Reporting (late reports and no reports) from SIGs is becoming an issue. Three out of nine SIGs submitted reports by the deadline for the summer meeting.

Submission of annual reports is a requirement of continued support from the Policy Council for the SIGs. Tim Haslett, VP Chapters, will be discussing reporting – requirements, best practices, and process improvements -- at the Chapter and SIG representatives meeting during the conference this year.

Reports were received from the Security SIG, the Information Science and Information Systems SIG (iSIG), and the Inter- and Intra-national Conflict SIG (IINC SIG) in time to be included in the following summary.

Each reported activities during the year (though the newness of the IINC meant there was less to report). Several Security SIG members have published papers in conferences and journals outside the system dynamics arena and a consortium of members has submitted a proposal to a European research program. Both the iSIG and the IINC are exploring opportunities and methods for this kind of cross fertilization (perhaps the Security SIG can share some success stories and best practices?).

The Security SIG has implemented a wiki and the iSIG is looking into developing a website, which may include wiki capability. The iSIG has been working on a model interchange language definition (XMILE) to be able to translate models between simulation software.

All are planning to hold meetings in Athens.

The individual SIG reports follow.

Security SIG Annual Report 2008

The Security Special Interest Group was established November 2003. In June 2008 the SIG has about thirty members. The SIG leaders are Jose J. Gonzalez, Jose M. Sarriegi and Marieke Klaver.

The SIG activities have been conducted informally by email and oral contacts. Thanks to Chris Riley and Eliot Rich we have now the support of a wiki type tool that will consolidate the network.

Thanks to the cooperation of some members of the SIG a proposal for the European research program FP7 has been sent and this same consortium expects to go on collaborating in subsequent calls.

The members of the team have also presented papers in several conferences and journals. Regrettably, there won't be any papers about Security in ISDC'08. We will discuss about this fact and try to repair the problem for the next year conference.

Six Society members:

Agata Sawicka (agata.sawicka@uia.no)

Jaziar Radianti (jaziar.radianti@uia.no)

Finn Olav Sveen (fosveen@tecnun.es)

Jose Manuel Torres (jmtorres@tecnun.es)

Jose Mari Sarriegi (jmsarriegi@tecnun.es)

Jose J Gonzalez (jose.j.gonzalez@uia.no)

Jose J Gonzalez

Jose M. Sarriegi

Marieke Klaver

Information Science and Information Systems Special Interest Group (iSIG)

Annual Report

Vedat G. Diker,¹ Luis Felipe Luna-Reyes,² and Oleg V. Pavlov³

¹ *University of Maryland*

² *Universidad de las Américas-Puebla*

³ *Worcester Polytechnic Institute*

The Information Science and Information Systems Special Interest Group (iSIG) was created with the objective of advancing the application of system dynamics to the information science and information systems related problems. iSIG is oriented to encourage research, networking and advocacy within the system dynamics community and in other select academic and professional communities that focus on information science and information systems research and practice. The following list contains the names and email addresses of current society members in the SIG.

Mr.	Hossein		Bakhoda	bakhoda@sr.iau.ac.ir
Mr.	Robert	Lewis	Cohen	robertcohen@alum.mit.edu
Mr.	Daniel	E.	Cottrell	cottrell@mitre.org
Mr.	Emre		Demirezen	emre.demirezen@gmail.com
Dr.	Vedat	G.	Diker	vdiker@umd.edu
Dr.	Hördur	V.	Haraldsson	hordur.haraldsson@naturvardsverket.se
Mr.	Chip		Hines	hines.chip@gmail.com
Prof.	Michael	S.	Kennedy	mike.kennedy@lsbu.ac.uk
Dr.	William	R.	Killingsworth	billk@mit.edu
Dr.	Sang Hyun		Lee	sanghyun@ualberta.ca
Dr.	Luis	F	Luna-Reyes	luisf.luna@udlap.mx
Mr.	Charalampos	I.	Michaloudis	hmich@auth.gr
Mr.	Leslaw		Michnowski	kte@psl.org.pl
Dr.	José Manuel		Mora Tavarez	mmora@securenym.net
Dr.	Oleg	V	Pavlov	opavlov@wpi.edu
Mr.	Anurag		Sharma	anurag.dei@gmail.com
Mr.	Terrence	C.	Walker	t.walker@computer.org
Dr.	John	P.	Weldon	corp_dyn@iimetro.com.au

Although we had an Information Science and Information Systems thread at the Annual Conference since a couple of years ago, this is the first year in which we will hold a parallel session with papers in this thread.

During the last months, members of the iSIG have been involved in a virtual conversation about an interchange language definition (XMILE or Model

Interchange Format) to be able to translate models between simulation software. The conversation is archived on <http://xmile.pbwiki.com/FrontPage>, and in <http://www.systemdynamics.org/xmile/>.

Our two main objectives for the next year will be to continue informing IS researchers about System Dynamics, and to create the infrastructure that will support the discussion and interchange of ideas inside the SIG. The topics for the iSIG meeting in Athens are:

1. Work on a “Desert Island” list of System Dynamics Literature on Information Science and Information Systems.
2. Update on the XMILE work.
3. Discuss the possibility of working on an edited book on Information System Dynamics.
4. Discuss the possibility of creating an iSIG Website (Blog, Wiki, other).
5. Which are the best ways to connect with the outside community of IS researchers?
 - a. Conferences (HICSS, ICIS, AMCIS, etc.).
 - b. Journals (MISQ, ISR, CACM, etc.)

Finally, we would like to suggest that the Policy Council of the Society considers devising a financial framework for SIGs that would allow SIGs handle finances, such as collecting membership fees and establishing monetary prizes.

Inter and Intra-national Conflict SIG

Report Summer PC 2008

Leaders:

Edward Anderson, University of Texas

Leonard Malczynski, Sandia National Laboratories

Actions this year:

Yahoo group established January 2008

(<http://groups.yahoo.com/group/conflictmodeling/>)

SIG established in March 2008

We have not met formally since ICSDS 2007

Six Society members:

Edward Anderson, edward.anderson@mcombs.utexas.edu

George Backus, gabackus@sandia.gov

David Ford, dford@civil.tamu.edu

John Kapson, john@kapson.net

Len Malczynski, lamalcz@sandia.gov

Paul Newton, paul.c.newton2@boeing.com

Issues:

1. Much work in this area is proprietary or other wise protected, difficult to disseminate.
2. Need encouragement and incentives to publish papers in the political science literature, lack political science credentials.

Report to the Policy Council of the SDS by the Special Interest Group on Model Analysis (SIG-MA) (Jill Slinger, 15 July 2008)

The Special Interest Group for Model Analysis was formed with the approval of the Policy Council in October 2007. Since then the membership has grown from the original 13 founding members to a total of 17 confirmed members. Jill Slinger (chair) and Pal Davidsen (vice-chair) form the leadership team for 2007/2008.

Confirmed Members (in alphabetical order)

Tom Cavin	tec@wpi.edu
Pal Davidsen	Pal.Davidsen@geog.uib.no
Els van Daalen	C.vanDaalen@tudelft.nl
David Ford	dford@civil.tamu.edu
Paulo Goncalves	pgoncalves@exchange.sba.miami.edu
Burak Guneralp	guneralp.burak@gmail.com
Kampmann, Christian Eric	CEK.IVS@CBS.DK
Ralf Lippold	ralf_lippold@web.de
Mohammad Mojtahedzadeh	mohammad@attunegroup.com
Rogelio Oliva	roliva@tamu.edu
Willem Geert Phaff	wgphaff@gmail.com
Erik Pruyt	e.pruyt@tudelft.nl
Mohamed Saleh	saleh@salehsite.info
Jeremy B. Sato	jeremy.sato@gmail.com
Jill Slinger	j.h.slinger@tudelft.nl
Wil Thissen	W.A.H.Thissen@tudelft.nl
Gonenc Yucel	G.Yucel@tudelft.nl

We have additional members of the listserv who have not confirmed their membership of both the SD society and the SIG-MA and so are not listed above.

Activities

The activities of the SIG-MA have been limited to discussions over the listserv, requests for comments on draft papers and the preparation of a questionnaire regarding the added value of formal model analysis methods for distribution at the Athens conference.

Plans for 2008/2009

1. Rotation of leadership (chair) to Pal Davidsen and election of new vice-chair for SIG-MA
2. Processing of the questionnaire conducted at the 2008 conference in Athens
3. Expansion of the listserv presence to include a web presence
4. Practical support for initiatives related to collaborative research

Support required

Guidelines for the design and maintenance of a web presence of the Special Interest Group.

ENERGY SIG Report

Representatives: Andrea Bassi & Luc Van Den Durpel

List of Energy-SIG members is available via <https://portal.listo.be/sites/SD-Energy-SIG/default.aspx> (see contacts list)

The last year has been essentially calm for Energy SIG with little or no specific activities undertaken due to the very busy agenda of virtually all Energy SIG members including the two representatives. Additional work is needed to revamp the activities and especially to facilitate the exchange of information among the Energy SIG members. There has been a slight increase in number of Energy SIG members as well as in requests for additional information on Energy SIG and SD-use in the energy sector.

The main activity in the very nearby future is to update the Energy SIG Portal Site and to facilitate the communication among the SIG-members. This activity will be undertaken by current representatives and a strengthening of the Energy SIG coordination will be sought (e.g. regional representatives).