

Rapport :

**EURO WORKING GROUP ON DECISION SUPPORT
SYSTEMS**

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Auteurs : Fatima Dargam, Rita Ribeiro et Pascale Zaraté

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EWG-DSS Newsletter

Nr. 7, Year 2008

EWG-DSS Newsletter

Newsletter of the EURO Working Group on Decision Support System

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Editorial Board

The Newsletter of the EURO-WG on Decision Support Systems is currently edited by:

Fátima Dargam, Pascale Zaraté & Rita Ribeiro

Comments and announcements to next issues of the EWG-DSS Newsletter should be sent to F.Dargam@SimTechnology.com or Zarate@irit.fr with the subject: "EWG-DSS Newsletter".

Editorial

by Pascale Zaraté, Fátima Dargam & Rita Ribeiro

(Coordination Board of the EURO Working Group on DSS)

Dear Euro Working Group members, Dear Friends,

It is our pleasure to introduce this 2008 edition of our newsletter. We start by thanking all the group members, who have sent their contributions for this issue.

The coordination board is currently working on a research project concerning a case study about the research interests and common developments of the EWG-DSS, since its foundation in 1989. *To carry on this study, we need your help!* We need from you information about your published work. Please read more about this in the *Research Review* section of this issue. The result of this work will be published as an invited review in EJOR, acknowledging your cooperation. *We thank you in advance for your collaboration!*

In 2009 our group will complete 20 years old!. To commemorate this round anniversary, we plan a special session in our next *EWG-DSS Meeting*, which will take place in July 2009, in Bonn, hosted by the 23rd EURO Conference. Besides our annual meeting, the EWG-DSS will organize a stream in this conference devoted to the topic of "*Applied Decision Making*". We encourage you all participate to the EWG-DSS-Stream and to the EURO Conference! We really hope to meet as many members as possible next year in Germany, so that we can make of the 20 years celebration of our group existence a delightful event!

Enjoy your Newsletter! Yours Sincerely,

Pascale Zaraté



Zarate@irit.fr

Fátima Dargam



F.Dargam@SimTechnology.com

Rita Ribeiro



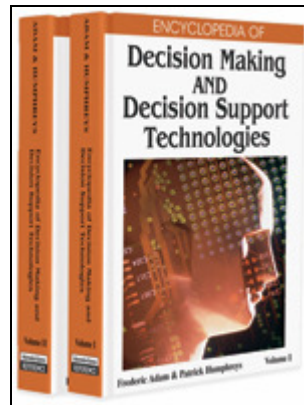
rar@uninova.pt

Recent Publication



New books in the field:

1. **Collaborative Decision Making: Perspectives and Challenges.** Edited by P. Zaraté, J.P. Belaud, G. Camilleri, F. Ravat; IOSPress Publisher. This book publishes the full and short papers presented during the CDM08 conference that was held in Toulouse, July 1st-4th 2008. N°ISSN: 0922-6389. This book is available upon request at <http://www.irit.fr/CDM08/>
2. **Handbook on Decision Support Systems Vol. 1, 2.** Edited by F. Burstein and C. Holsapple; Springer Publisher. This handbook publishes a state of the art for DSS designing. Several members of the group contributed to this handbook. N°ISSN: 978-3-540-48712-8
3. **Encyclopedia of Decision Making and Decision Support Technologies.** Edited by F. Adam and P. Humphreys; IGI Global Publishers. This book publishes a set of tools, methodologies and definitions related to Decision Support Systems. Several members of the group wrote articles for this book. N°ISBN: 978-159904843-7

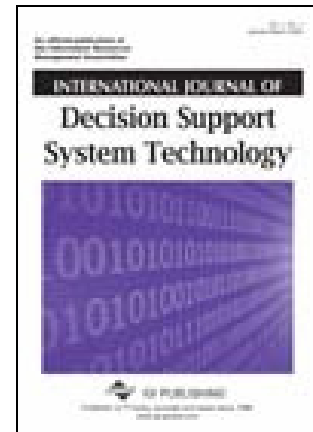


Two new journals in the field:

1. **Intelligent Decision Technologies,** edited by Prof. Dr. Lakhmi C. Jain & Prof. Dr. Gloria Phillips-Wren, published by IOSPress <http://www.iospress.nl/>



2. **International Journal of Decision Support System Technology (IJDSSST),** edited by Guisseppi A. Forgionne, published by IGI Global <http://www.igi-global.com/>



A Research Report from CDM08:

Posters and Doctoral Colloquium Proceedings. A CDROM, registered as a research report n°IRIT/RR-2008-4-FR, publishes posters and papers presented during the doctoral colloquium of the CDM08 conference.

Research Review

A Collaboration-Network for the EWG-DSS

by **F.Dargam, R.Ribeiro, P.Zaraté**

The EWG-DSS Coordination Board decided to conduct a study about research interests of the group members, to draw a knowledge map on Decision Support Systems. This project targets mainly to disseminate research being conducted by members of the group.

As a primary step, we will develop a social structure for the group, using us - the group members - as its defined population. By doing this, we will devise a social-academic network analysis for identifying the collaboration relationship that exists among the EWG-DSS members on one hand, and also provide a useful

feedback for further collaboration in joint-research on the other, hopefully encouraging new research and academic cooperation within the group.

To carry on this study, we need your help!
We need some information, concerning research areas and main publications of the involved agents, to be provided by the group members.

Hence, we kindly request that ALL the members of the EWG-DSS group (YOU inclusive!) provide us with some relevant information, concerning a list of main publications (since 1989); stating for each of them:

1. **authors, title, journal /conference/..., editors, year;** as well as its
2. **main area(s) of research;** and
3. **the indication of cooperation with some other members of the EWG-DSS group,** if any.

Please reply to us as soon as possible, including the requested information by e-mail to F.Dargam@SimTechnology.com, with C.c. to Zarate@irit.fr.

If you have any doubts, please do not hesitate in contacting us. In turn, we will keep you informed about the status of this project as time goes by. The result of this work will be published as an invited review in EJOR, acknowledging your cooperation.

As you can see, your participation is of vital importance for the success of this work!

We thank you in advance for your

collaboration!



“Best Poster Award” in the CDM 2008 Conference in Toulouse, last July:

“A collaborative decision-making model to support the reverse logistic process in the supply chain”

by J.E. Hernández, R. Poler, F. Mula, F.C. Lario

Abstract: Decision system technologies have for long been a strong support to model and solve the planning complexities in the supply chain, in a collaborative context. Moreover, one of the main topics that have emerged is reverse logistics, which is becoming more relevant in supply chains as far as the logistics process of removing new or used products from their initial point is concerned. Therefore, to present the main aspects that should be considered to share the decision information, which is already used among the members of an automobile supply chain, a conceptual study of reverse logistics is carried out to discover how decision-making activities support the process in supply chains. Furthermore, a simulation experiment is executed with the DGRAI 3.0 tool to study the impact of the collaborative reverse logistics extension model, which presents the dynamic perspective of the conceptual model. Therefore, this research work not only shows the impact on the bottom lines of the supply chain, but also links the main aspects of the reverse logistics to the logistics function as another way of improving the efficiency of the decision-making process in supply chains.

This work / poster was presented in the CDM08 by Jorge E. Hernández, who is a Civil Industrial Engineer from the Universidad de La Frontera de Temuco (Chile). He is currently a researcher at the Research Centre on Production Management and Engineering (CIGIP) at the Universidad Politécnica de Valencia (Spain). There, he is undertaking a Ph.D. program in operational research and supply chain management advanced models. His research interests include collaborative planning, forecasting and replenishment, decisional systems models in order to support the forward and reverse logistic functions, Simulation (from a discrete event perspective), analytical modeling, business process modeling and multi-agent systems modeling. ◆

Call for Papers

Conference Calls

RTDMC-08 Workshop:

Pre-ICIS Workshop on Supporting real time decision-making: The role of context in decision support on the move Paris, December 13th, 2008

This workshop is organized by AIS SIG DSS, the International Society for Decision Support Systems, and it is under the umbrella of the International Conference on Information Systems (ICIS-2008). The objective of the workshop is to explore issues associated with the design and use of the real-time Decision Support Systems. These DSS support real-time decisions “on the move” and

it is important to take into account the context for the DSS. The challenges of context management as a component of knowledge management for decision making and support will be also addressed.

Deadline for submission: September 22nd, 2008

For more Information: <http://www-poleia.lip6.fr/~brezil/RTDMC-08/>

Contact: Frada.Burstein@infotech.monash.edu.au ♦

EURO XXIII: The 23rd European Conference on Operational Research will take place in July 2009, in Bonn, Germany. More details will follow in the near future at the EURO homepage: <http://www.euro-2009.de> ♦

EURO XXVI: The 24rd European Conference on Operational Research will take place in 2010, in Portugal. ♦

Journal Announcement

Formal Methodologies and Tools for DSSs Special Issue in EJOR

edited by P. Zaraté

The proposed feature issue will publish a selection of the best papers that mark state-of-the-art and perspectives, describing *Formal Methodologies and Tools for Decision Support Systems*. This issue selected the best papers presented during the IFIP8/TC8.3 International Conference on Creativity and Innovation in Decision Making and Decision Support - CIDMD2006, on

the specific topic of OR methodologies or tools used for designing new framework of Decision Support Systems. 17 interesting papers have been submitted to this special issue. Among them, only 4 excellent papers have been selected focused on the specific topic. The issue is currently being published. ♦

Five upcoming special issues following the CDM08 conference:

Group Decision and Negotiation Journal:

This feature issue will select papers presenting research on Collaborative Approaches for Multi-Decision Makers and is edited by J. Pino and P. Zaraté. The Call for Papers is available at <http://www.irit.fr/CDM08> will be distributed through the mailing list. ♦

Journal of Decision Support Systems Technologies:

This feature issue will select papers presenting research on Technologies for Collaborative Decision Making and is edited by A. Respicio and P. Zaraté. The Call for Papers is available at <http://www.irit.fr/CDM08>

will be distributed to the EWG-DSS mailing list soon. ♦

Journal of Decision Systems:

This feature issue will select papers presenting research on Case Studies and is edited by F. Adam. The Call for Papers will be distributed

to the EWG-DSS mailing list soon. ♦

Intelligent Decision Technologies Journal:

This feature issue will select papers presenting research on AI approaches for Decision Making and is edited by F. Burstein and G. Philips-Wren. The Call for Papers is available at <http://www.irit.fr/CDM08>

will be distributed to the EWG-DSS mailing list soon. ♦

Decision Science Journal:

This feature issue will select papers presenting research on Collaborative Decision Making for Supply Chain and is edited by J. Pino, P. Goes and A. Vakharia. The Call for Papers is available at <http://www.irit.fr/CDM08>

will be distributed to the EWG-DSS mailing list soon. ♦

DSS Stream EUROXXIII



EWG-DSS Stream at the EUROXXIII Bonn, July 2009

Call for Papers

EURO XXIII European Conference on Operations Research, Bonn, Germany July 5-8th, 2009

Stream:

“ Applied Decision Making “

Organizers:

(EWG-DSS Coordination Board)

Pascale Zaraté, Fátima Dargam & Rita Ribeiro

The 23rd European Conference on Operational Research EURO XXIII will be organised by the University of Siegen and will take place in the Gustav-Stresemann Institute and the Maritim Hotel in Bonn, Germany.

The organizers of the **Stream of Applied Decision Making** invite all researchers, practitioners, as well as students working in the areas of *decision making, decision analysis and decision support* to participate at this Conference and to submit your work to this stream. Contributors are requested to submit their Abstracts (no more than 600 characters) in English (no formulas or mathematical notations are allowed), via the Abstract Submission page of the Conference web-site, please check: <http://www.euro-2009.de/>. More detailed information about the electronic abstract submission and about this stream will be provided by the organizers in due course.

Deadline: The Submission for abstracts starts on **October 2008**, and the deadline for submission is **March 1st, 2009**.

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EWG-DSS Meetings

List of all EWG-DSS Meetings / Workshops & Mini-Conferences:

- . Fontainebleau (France) – 1990;
- . Bruges (Belgium) – 1991;
- . Hungary – 1992;
- . Sintra (Portugal) – 1993;
- . Turku (Finland) – 1994;
- . Samos (Greece) – 1995;
- . Ispra (Italy) – 1996;

- . Bruges (Belgium) – 1997;
- . Granada (Spain) – 1998;
- . Turku (Finland) – 1999;
- . Toulouse (France) – 2000;
- . Caiscas (Portugal) – 2001;
- . Bruges (Belgium) – 2002;
- . Luxembourg – 2003;
- . Istanbul, (Turkey) – 2003;
- . Prato, (Italy) – 2004;
- . Graz (Austria) – 2005;
- . London (UK) – 2006;
- . Reykavik (Iceland) – 2006;
- . Montreal (Canada) – 2007;
- . Prague (Czech Republic) – 2007;
- . Toulouse (France) – 2008.

EWG-DSS Meeting 2008



Opening Session CDM2008, July 2nd, 2008. From left to right: Jean Luc Soubie (IRIT), Patrick Humphreys (IFIP TC8/WG8.3), Pascale Zaraté (CDM08 Chairperson), Fátima Dargam (EURO EWG-DSS), Jean Marc Le Lann (ENSIACET).

In 2008, the EWG-DSS meeting took place during the CDM2008 IFIP TC8 / WG8.3 Working Conference, in Toulouse in France, during the period of July 1st-4th, 2008 <http://www.irit.fr/CDM08/>.

The CDM2008 was organised by Pascale Zaraté (IRIT-ENSIACET-INPT), establishing a cooperation between the IFIP DSS Group TC8/WG8.3 and our EWG-DSS. The main theme of the conference supported Collaborative Decision Making. The Conference CDM2008 counted with 69 submissions, among them 34 full papers, 9 short papers and 14 posters have been selected. 90 participants were registered to the conference coming from 24 different countries: France, Ireland, Chile, Slovenia, Switzerland, Australia, Sweeden, UK, Germany,

USA, Italia, Portugal, Nederland, Hungary, Algeria, Poland, India, Spain, Bangladesh, Burma, Korea, Ukraine, Jordan, and Tunisia.

The Award of the best poster has been assigned to J. Hernandez coming from Valencia, Spain for the work entitled: "A collaborative decision-making model to support the reverse logistic process in the supply chain. An application of the GRAI methodology to the automobile sector."

The following presentation material is available at the CDM2008 conference homepage <http://www.irit.fr/CDM08/>:

- Frada Burstein's presentation about "How to get your work published";
- Tung Bui's slides entitled "DSS Research: Out of Stream or Ready to Perk?" (10 MB).

The proceedings of the conference are published by IOSPress publisher, edited by P. Zaraté, J.P. Belaud, G. Camilleri, F. Ravat. It can also be purchased at the CDM2008 conference homepage <http://www.irit.fr/CDM08/>.

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EWG-DSS Meeting in 2009

In 2009, the EWG-DSS annual meeting is going to take place in Bonn, Germany, during the period of July 5th - 8th, within the 23rd European Conference on Operational Research. During this EURO conference, our EWG-DSS will also organize a stream devoted to the topic of "Applied Decision Making". Please read about the Call for Papers in this issue.

More details will follow soon.



Contacting the EWG-DSS

The EURO-WG on Decision Support Systems is currently head by Pascale Zaraté, who is also in charge of organizing and updating the web site and the mailing list.

EWG-DSS

Att.:Pascale Zarate
IRIT – Equipe CSC
INPT – ENSIACET – GI
118 route de Narbonne
31062 Toulouse cedex 4
FRANCE

E-mail: zarate@irit.fr

Web:

<http://www.euro.online.org>

Mailing List: dss@irit.fr

Upcoming Events

2009

EWG-DSS in EURO XXIII

The EURO XXIII Conference will be held in Bonn, Germany in the period of July 5th to July 8th, 2009. During this conference, the Coordination Board of the EWG-DSS will organize a Stream devoted to the topic of “Applied Decision Making”. A Special Issue in a related Journal is also planned for publishing selected papers from the stream. More details on this event will follow in due

course. Check the EURO web-site at: <http://www.euro-2009.de/> for more information about this conference. ◆

EWG-DSS Members

Registered Members

The updated list of the 96 members of our EWG-DSS group is available upon request to Pascale Zaraté. Changes to this list should also be reported to Pascale Zaraté via e-mail: zarate@irit.fr.

Via the use of our mailing-list addressed as: ewg-dss@irit.fr, the EWG-DSS members are able to send messages to all other members, allowing this way a one-to-one distribution of information about research events and calls for publications.

If you need more information about the group, please contact us or visit our web-site:<http://www.euro-online.org> ◆

Contributing to this Newsletter

Every member of the EWG-DSS is very welcome to contribute to this Newsletter.

Subjects can be related to:

- Recent Publications
- PhD Dissertations
- Book Presentations / Reviews

- Research Group Presentations
- Research Views and Perspectives
- Forthcoming Events
- General Announcements

Contributions to the EWG-DSS Newsletter should be sent to one of the email addresses below with the subject: “EWG-DSS Newsletter”.
F.Dargam@SimTechnology.com
Zarate@irit.fr

Joining the EWG-DSS

If you wish to join the EURO-Working Group on Decision Support Systems, please send an e-mail to zarate@irit.fr, with the following information:

Name: _____

Affiliation: _____

Research Area: _____

Mailing Address: _____

Phone: _____

Fax:: _____

E-mail: _____

Home Page: _____