



Jean-Mathias HERAUD

Manager of Programmes Coordination

Associate professor

Chambéry Graduate School of Business

Savoie Technolac

12 avenue du lac d'Annecy

F - 73381 Le Bourget du lac Cedex

☎ ESC CHAMBERY +33 (0)4 79 25 33 48 – Fax : +33 (0)4 79 25 33 54

jm.heraud@esc-chambery.fr

Jean-Mathias Heraud is currently an Associate Professor in charge of the MIS Department at the Chambéry Graduate School of Business, France. With a PhD in Informatics, his research is focused on the collaboration processes in computer knowledge intensive environments. He is especially interested in the exploitation of users trace (logs) to improve e-learning tools. Prior to beginning his doctoral studies, he worked as an Engineering Analyst specialised in security issues.

EDUCATION

2002 Doctoral thesis in Lyon 1 University within LIRIS: Computing laboratory of images and information systems. (Very Honorable). Thesis Director : Alain Mille. Title : « Pixed : Une approche collaborative de l'expérience et l'expertise pour guider l'adaptation des hypermédias ». Rapporteurs : Nicolas Balacheff and Amédéo Napoli. Members of the jury : Georges-Louis Baron, Lionel Brunie and Marc Gibiat

1998 DEA in Basic Computing – Grande Ecole for training of teachers in Lyon (Ecole Normale Supérieure de Lyon (Good). Training course in a laboratory: Pattern and vision Recognition (RFV). Supervisor : Jean-Michel Jolion. Title : « Les réseaux notionnels : un outil pour modéliser les apprenants dans une application de télé-enseignement »

PROFESSIONAL EXPERIENCE IN TEACHING AND RESEARCH

Positions held

Since September 2005: Lecturer-researcher. Responsible for the teaching and research sector : Hep in Decision_Making, Information and Systems (5 permanent lecturer-researchers.) and scientific manager of the MUSI research team (Modélisation et Usages des Systèmes d'Information).

2007-2010: Scientific manager of the PROCOGEC project in the Chambéry Graduate School of Business (ANR – 06 TLOG 016). This research project has been financed by the ANR (Agence Nationale de la Recherche) for a total amount of 690 k€, 65 k€ being for the MUSI team..

2002-2005: Lecturer-researcher in the Chambéry Graduate School of Business.

2000-2002: Lecturer-doctorand in the Chambéry Graduate School of Business.

1999-2000: Recipient Graduate assistant in Lyon 1University.

Courses taught

Since September 2005: Responsible for the teaching and research sector : Help in Decision-Making, Information and Systems (5 permanent lecturer-researchers and 10 part-time lecturers)

Since September 2004: Responsible for the Management of Projects Major in Chambéry Graduate School of Business (8 lecturers, 160 hours of teaching and project management per year).

Subjects taught: Statistics, Management of industrial systems, Management of information Systems, Management of a project team, Planning and project monitoring

July 2001 – September 2005: Responsible for the Information Systems Teaching Department in Chambéry Graduate School of Business.

May 2000 - July 2001: Lecturer-doctorand in the Chambéry Graduate School of Business

1999-2000: Recipient Graduate assistant in Lyon 1University. Teaching in CPE Lyon (engineering school), INSA Lyon (engineering school) and Savoy University

PUBLICATIONS

Articles in non-classified reviews

[Hei08] J. Heili, J.M. Heraud (2008) "To prevent them from entering, provide the keys..." in International Journal of Information Technology and Management, 14p, (2008)

[Car08a] T. Carron, J.C. Marty, J.M. Heraud (2008) "Teaching with Game-Based Learning Management Systems: Exploring and observing a pedagogical dungeon" in Simulation & Gaming Special issue on eGames and Adaptive eLearning, Vol. 39, No. 3, pp353-378.

[Mar07] J.C. Marty, J.M. Heraud, T. Carron, L. France, (2007) "Matching the Performed Activity on an Educational platform with a Recommended Pedagogical Scenario: a Multi Source Approach" in Journal of Interactive Learning Research (JILR), 27 pages, ISSN 1093-023X, Vol 18, n° 2, pp. 267-283.

[Hei07a] J. Heili, J.M. Heraud, L. France (2007) "Observing the use of BPM tools: A step towards flexibility" in Information Systems and Collaboration: State of the Art and Perspectives Selected contributions of the 11th International Conference of the Association Information and Management (AIM) Fernand Feltz, Andreas Oberweis, Benoît Otjacques, Nicolas Poussing (Eds.) Proceedings GI-Edition-Lecture Notes in Informatics (LNI) ISBN 978-3-88579-177-5, pp. 28-44.

[Mar04] J.C. Marty, J.M. Heraud, T. Carron, L. France, (2004) "A quality approach for collaborative learning scenarios", short paper in Learning Technology Newsletter of IEEE Computer Society, ISSN 1438-0625, Volume 6, Issue 4, pp.46-48.

Chapters in books

J.-C Marty, T. Carron & J.-M.Heraud (2008) "Traces and Indicators: Fundamentals for regulating learning activities" Publication: Chapter for Book: Teachers and Teaching: Strategies, Innovations and Problem Solving. ed. Nova Science Publishers (ISBN: 978-1-60456-905-6 : Sep 2008)

J.-C Marty, T. Carron & J.-M.Heraud (2008) "Observation as a requisite for games-based learning environments" Publication: Chapter of the Book: Games Based Learning Advancements for multisensory human computer interfaces: technics and effective practices (2008)

Conference presentations

Communications in international colloquiums with proceedings

[Car07] T. Carron, J.C. Marty, J.M. Heraud, L. France (2007) "Games as Learning Scenarios: are you Serious? " in European Conference on Games Based Learning 2007 (Scotland) pp55-64.

[Kep07] L. Kepka, J.M. Heraud, L. France, J.C. Marty, T. Carron (2007) "Activity Visualization and Regulation in a Virtual Classroom" in WBE2007, Sixth IASTED International Conference on Web-based Education, Chamonix, France, pp.

[Her06] J.M. Heraud, L. France, J. Heili (2006) "OURL: a language to map observed usages to BPML", in Business Process Management (BPM) Track of 2006 Information Resources Management Association, Washington, USA, pp 683-685.

[Hei06a] J. Heili, J.M. Heraud, L. France (2006) "L'observation des usages: Une ressource pour flexibiliser le BPM", in AIM2006 : 11th Colloquium of the Information and Management Association, Luxembourg, 8-9 June 2006.

[Hei06b] J. Heili, J.M. Heraud, L. France (2006) "Observing the use of BPM tools : A step towards flexibility", in Euromot2006, Second European Conference on Management of Technology, Birmingham, United Kingdom, 10-12 September 2006.

[Fra06] L. France, J.M. Heraud, J.C. Marty, T. Carron (2006) "Monitoring virtual classroom: Visualization techniques to observe student activities in an e-learning system" in Proc. of the 6th IEEE International Conference on Advanced Learning Technologies, Kerkrade, The Netherlands, July 2006, ISBN 0-7695-2632-2 Published by the IEEE Computer Society, USA, pp 716-720.

[Car06b] T. Carron, J.C. Marty, J.M. Heraud, L. France (2006) "Helping the teacher to reorganize tasks in a collaborative learning activity: an agent-based approach" in Proc. of the 6th IEEE International Conference on Advanced Learning Technologies, Kerkrade, The Netherlands, July 2006, ISBN 0-7695-2632-2 Published by the IEEE Computer Society, USA, pp 552-556.

[Her05] J.M. Heraud, J.C. Marty, L. France, T. Carron (2005) "Helping the Interpretation of Web Logs: Application to Learning Scenario Improvement" in Workshop Usage analysis in learning systems at AIED2005: 12th International Conference on Artificial Intelligence in Education, Amsterdam, Netherlands, pp. 41-48.

[Fra05] L. France, J.M. Heraud, J.C. Marty, T. Carron (2005) "Help through visualization to compare learners' activities to recommended learning scenarios" in ICALT2005: 5th IEEE International Conference on Advanced Learning Technologies, pp. 476-480.

[Car05] T. Carron, J.C. Marty, J.M. Heraud, L. France (2005) "Preparing An Observed Pedagogical Experiment ", in CELDA2005: Cognition and Exploratory Learning in Digital Age, Porto, Portugal.

[Her04c] J.M. Heraud, L. France, A. Mille (2004) " Pixed: An ITS that guides students with the help of learners' interaction log", in Workshop Analyzing Student-Tutor Interaction Logs to Improve Educational Outcomes at ITS2004: 7th International Conference on Intelligent Tutoring Systems, Maceio, pp. 57-64.

[Her04b] J.M. Heraud (2004) "A Web-Based Adaptive Educational System Where Adaptive Navigation Is Guided by Experience Reuse", in ITS2004: 7th International Conference on Intelligent Tutoring Systems, Maceio, pp. 824-826.

[Her04a] J.M. Heraud (2004) "Pixed: improving adaptable navigation with Case-Based Reasoning", in EDMEDIA2004: 16th World Conference on Educational Multimedia Hypermedia and Telecommunications, Lugano, pp. 656-661.

[Her03a] J.M. Heraud (2003) "Share and re-use experience to assist training", in a Collaborative Learning Workshop at HCP2003: Human Centered Processes, 14th Mini EURO Conference, Luxembourg, pp. 47-52.

[Her02] J.M. Heraud, A. Mille (2002) "Pixed: towards the sharing and the re-use of experience to assist training", in EDMEDIA2002: 14th World Conference on Educational Multimedia Hypermedia and Telecommunications, Denver, pp. 777-782.

Communications in national colloquiums with proceedings

[Fra07] L. France, J.M. Heraud, J.C. Marty, T. Carron (2007) "Visualisation et régulation de l'activité des apprenants dans un EIAH tracé" in EIAH2007: Environnements Informatiques pour l'Apprentissage Humain, .

[Car06] T. Carron, J.C. Marty, J.M. Heraud, L. France (2006) "Préparation D'une Expérimentation Pédagogique en vue d'Observation", in Rochebrune2006 :13ième Rencontres interdisciplinaires sur les systèmes complexes naturels et artificiels, 20-23 January 2006.

[Her05] J.M. Heraud, J.C. Marty, L. France, T. Carron (2005) "Une aide à l'interprétation de traces : Application à l'amélioration de scénarios pédagogiques", in EIAH2005: Environnements Informatiques pour l'Apprentissage Humain, pp. 237-248.

[Her03b] J.M. Heraud, A. Mille (2003) "Pixed : intégrer la réutilisation des expériences dans la formation à distance", in RàPC'03 : 11th French seminar on reasoning based on case studies, Laval.

[Her00b] J.M. Heraud, A. Mille (2000) "Pixed : vers le partage et la réutilisation d'expériences pour assister l'apprentissage", in TICE2000: International Colloquium on Information and Communication Technology for the teaching of Engineers and in Industry, Troyes, pp. 237-244.

[Her00a] J.M. Heraud (2000) "Projet d'intégration de l'expérience pour l'enseignement à distance : présentation du prototype", in RàPC2000: 8th French seminar on reasoning based on case studies, Toulouse, pp. 33-37.

[Her99b] J.M. Heraud, A. Mille (2000) "Pixed : vers une coopération de l'expérience et de l'expertise", in RàPC'99 : 7th French seminar on reasoning based on case studies, Paris.

[Her99a] J.M. Heraud, A. Mille, J.M. Jolion (1999) "Les réseaux notionnels : un outil pour guider la navigation dans un cours hypermédia", in JCSC1999 : 3rd Colloquium of Young Cognitives Sciences, Researchers, Soulac, pp. 116-121.

ACADEMIC COMMITTEES

Reviewer for: AIM, Rochebrune.