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Jean-Mathias Heraud is currently an Associate Professor in charge of the MIS Department at Chambery Business School, 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 ESC Chambéry (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 ESC Chambéry Group.

2000-2002 : Lecturer-doctorand in the ESC Chambéry group.

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 ESC Chambéry (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 ESC Chambéry.

May 2000 - July 2001 : Lecturer-doctorand in the ESC Chambéry group

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) "Ouml: 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 re-organize 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 og 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.