



Laure FRANCE

Associate Professor

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Laure FRANCE has worked in ESC Chambéry for 6 years. Her teaching and research topics are Information Systems and Knowledge Management. She has published more than 30 articles in French and International academic journals and conferences. She also regularly teaches modules focusing on these topics at graduate and executive levels.

EDUCATION

1999 **Ph.D.** in Computer Science, Grenoble University, France –
“Graphic Simulation of a Biped Robot in a Structured Environment”.
Research directors: Prof. Bernard Espiau, INRIA - Institut National de
Recherche en Informatique et Automatique (robotics), and Prof. Claude
Puech, iMAGIS - GRAVIR / INRIA (computer graphics).

1995 **Master** in Computer Science, Grenoble University , France

PROFESSIONAL EXPERIENCE IN TEACHING AND RESEARCH

Positions held

2003-present **Assistant Professor**, ESC Chambéry, France, IS Department,

2002-2003 **Assistant Professor**, Savoy University, France

2001-2002 **Post-Doctoral Associate**, Lille University and INRIA, Rhone-Alps, France

2000-2001 **Engineer**, Surgical Navigation Specialists, Inc. (SNS), Toronto, Canada

2000 **Post-Doctoral Associate**, Montreal University, Canada

Courses taught

Information Systems (4 groups/year)

Business Intelligence (1 group/year)

Project Planning (1 group/year)

Communication (4 groups/year)

Self-actualization (4 groups/year)

PUBLICATIONS

Articles (other)

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, special issue on Usage Analysis of Learning Systems: Existing Approaches and Scientific Issues. Vol 18, N°2, April 2007, Edited by AACE Publications, ISBN 1093-023X, pp. 267-283.

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.

J.-C. Marty, J.-M. Heraud, T. Carron, L. France (2004), "A quality approach for collaborative learning scenarios", Learning Technology Newsletter, publication of IEEE Computer Society Technical Committee on Learning Technology, Volume 6, Issue 4, 2004.

L. France, J. Lenoir, A. Angelidis, P. Meseure, M.-P. Cani, F. Faure, C. Chaillou (2003), "A Layered Approach for Surgery Simulation of a Virtual Human Intestine", in Medical Image Analysis Journal, 2003.

F. Multon, L. France, M-P. Cani-Gascuel, G. Debunne (1999), "Computer Animation of Human Walking: a Survey", in Journal of Visualization and Computer Animation, Volume 10, pages 39-54, 1999.

Chapters in books

L. France (2009), "Conception of lesson notes as a cartoon for foreign language learning", to appear in In-Tech book "E-learning", ISBN 978-953-7619-23-7.

Conference presentations

L. France (2008), "*Lesson 'Toon: Conception of lesson notes as a cartoon in an e-learning platform*", in Proc. of the 8th IEEE International Conference on Advanced Learning Technologies, Santander, Spain, July 2008.

L. France and M. Ollagnier Beldame (2008), "From individual learning to organisational learning: A case study of knowledge flow *via* a digital collaborative knowledge management platform", in the 5th International Conference on Intellectual Capital, Knowledge Management & Organisational Learning, New York, October 2008.

T. Carron, J.C. Marty, J.M. Heraud, L. France (2007), "*Games as Learning Scenarios: are you Serious?*", The European Conference on Games Based Learning, UK, 25-26 October 2007, pp. 55-64.

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.

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.

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.

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.

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, 2006.

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

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.

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

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.

P. Meseure, J. Davanne, L. Hilde, J. Lenoir, L. France, F. Triquet, C. Chaillou (2003), "*A Physically-Based Virtual Environment dedicated to Surgical Simulation*", in International Symposium on Surgery Simulation and Soft Tissue Modeling, 2003.

L. France, J. Lenoir, P. Meseure, C. Chaillou (2002), "*Simulation of a Minimally Invasive Surgery of Intestines*", in Virtual Reality International Conference (VRIC), 2002.

L. France, A. Angelidis, P. Meseure, M.-P. Cani, J. Lenoir, F. Faure, C. Chaillou (2002), "*Implicit Representations of the Human Intestines for Surgery Simulations*", in Modelling & Simulation for Computer-aided Medicine and Surgery, 2002.

L. France, A. Girault, B. Espiau (1999), "Generation of Walk Transient Trajectories for a Biped Robot", in International Conference on Advanced Robotics, pp. 477-482, 1999.

L. France, A. Girault, J-D. Gascuel, B. Espiau (1999), "*Sensor Modeling for a Walking Robot Simulation*", in Eurographics Workshop on Animation and Simulation, pp. 189-198, 1999.

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

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

J. Heili, J.M. Heraud, L. France (2006), "*L'observation des usages : Une ressource pour flexibiliser le BPM*", in AIM 2006 : 11ème Colloque de l'Association Information et Management, Luxembourg, 8-9 juin 2006.

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 EIAH 2005: Environnements Informatiques pour l'Apprentissage Humain, pp. 237-248.

RESEARCH INTERESTS

Technology-Enhanced Learning

Serious Games

Knowledge Management

TEACHING SPECIALITIES

Information Systems and Business Intelligence

Communication and Self-actualization

OTHER PERSONAL INFORMATION

Languages spoken, written and read: French, English.