



European Curriculum Vitae



Personal information

Surname(s) / First name(s) **Faure, Emmanuel**
Address(es) 10 Rue Neuve Popincourt, 75011 PARIS, France
Telephone(s) 0033-155558237 **Mobile:** 0033-688638986
Fax(es) 0033-155559040
Email(s) emmanuel.faure@polytechnique.edu
emmanuel.faure@iscpif.fr
Nationality(-ies) French
Date of birth 30-06-1976
Gender Male

Current Research

Dates 2005 – 2008
Occupation **Phd Complex Systems**
Subject Towards a robotization of microscopes for the rebuilding of emergent morphogenetic phenomena.
Interests Learning System in Complex System, Emergence Detection, Temporal Prediction
Advisor **Paul Bourguin**
Name and address of employer Institut des Systèmes Complexes Paris Ile de France – 59, Rue Lhomond, 75005 PARIS, FR
CREA – Centre de Recherche en Epistémologie Appliquée – CNRS – Ecole Polytechnique – 1 Rue Descartes, 75005 PARIS, FR

Work experience

Dates 2003 – 2004
Occupation Technical coordinator
Responsibilities Project management, Multi-Agent Systems for medical diagnosis
Name and address of employer Rhazes Association, Toulouse – FR

Dates 2002 – 2003
Occupation Public relation, Social coordinator
Responsibilities International Missions and Assistance on Medical care
Name and address of employer Rhazes Association, Toulouse – FR

Education and training

Level **GRADUATE**

Dates 2004 – 2005
Principal subjects **Cognitive Sciences**

Organization	co-ability by EHESS (l'Ecole des Hautes Etudes en Sciences Sociales), ENS (l'Ecole Normale Superieure) , Ecole Polytechnique Paris 6 – FR
Title of qualification awarded	MASTER DEGREE Thesis of Research : “ <i>Creation, Conception, and Analysis of a new experimental platform for studying standard group’s influence on individuals by reinforcement learning.</i> ” Supervisor: Prof. PAUL BOURGINE
Dates	2000 – 2001
Principal subjects	Artificial Intelligence : Knowledge Representation and Reasoning Formalization
Organization	Paul Sabatier University, Toulouse – FR
Title of qualification awarded	MASTER DEGREE Thesis of Research : “ <i>Towards a synthesis between hierarchy of the tasks and hierarchy of the attributes in robotics plannification</i> ” Supervisor: Prof. MALIK GHALLAB
Level	UNDERGRADUATE
Dates	1999 – 2000
Organization	Laval University, Quebec – CA
Principal subjects	Computer Sciences , Artificial Intelligence
Title of qualification awarded	Master
Dates	1998 – 1999
Organization	Bordeaux I University – FR
Principal subjects	Computer Sciences
Title of qualification awarded	Licence
Dates	1997 – 1998
Organization	Bordeaux I University – FR
Principal subjects	Mathematics
Title of qualification awarded	Licence
Dates	1995 – 1997
Organization	Bordeaux I University – FR
Principal subjects	Mathematics Applied to Technics Sciences
Title of qualification awarded	Bachelor’s Degree
Personal skills and competences	
Mother tongue(s)	French
Other language(s)	English, Spanish
Schools and seminars participations	“School on Parallel Calcul” 3 ÷ 14 Settembre 2007 CINECA– Bologna – IT “School on Neuromathematics of Vision” 4 ÷ 9 Settembre 2006 SCUOLA NORMALE SUPERIORE – Piazza dei Cavalieri, Pisa – IT

Publications

International Conferences with proceedings and reviewing process

- Title **"Active Learning For Embryogenesis"**
Authors **E. Faure**, B. Lombardot, M.A. Luengo-Oroz, M. Campana, N. Peyri ras, R. Doursat, P. Bourguine
Conference ECCS : European Conference on Complex Systems – October 2007 – Dresden – GERMANY
- Title **"Twister segment morphological filtering. A new method for live Zebrafish embryos confocal images processing"**
Authors M.A. Luengo-Oroz, **E. Faure**, B. Lombardot, R. Sance, P. Bourguine, N. Peyri ras, A. Santos
Conference IEEE International Conference on Image Processing – 2007 – San Antonio, Texas – USA
- Title **"Intertemporal topic correlations in online media "**
Authors J.P. Cointet, **E. Faure**, C. Roth
Conference ICWSM : International Conference on Weblogs and Social Media, Boulder –March 2007 – CO – USA
- Title **"Embryomics"**
Authors **E. Faure**, B. Lombardot, M.A. Luengo-Oroz
Conference RNSC : R seau National des Syst mes Complexes – March 2007 – Paris – FRANCE

Workshop

- Title **"Active Learning with genetics algorithms apply on Segmentation"**
Authors **E. Faure**
Meeting Embryomics – Malaga 2007 – SPAIN
- Title **"Classification SVM for Interactivy Segmentation Evaluation"**
Authors **E. Faure**
Meeting BioEmergences – Bologna 2007 – ITALY
- Title **"From Classification to Prediction"**
Authors **E. Faure**
Meeting Embryomics – Malaga 2006 – SPAIN

Others

- Title **"Data base interface to ensure the reliability of an educational program in autism"**
Authors C. Mantoulan **E. Faure**, B. Rog 
Submitted JADD , Journal of Autism and Developmental Disorders
- Title **"De l'influence des blogs sur la presse"**
Authors J.P. Cointet, **E. Faure**, C. Roth
NewsPaper Le Nouvel Observateur – 21 March 2007