

## Curriculum Vitae

**GROVA Christophe**

Address in Canada :

5196 Hutchison, Montreal QC  
H2V 4A9 CANADA

Address in France :

21, rue des prés  
57 550 MERTEN FRANCE

phone office : 1 (514) 398 6644, # 00445

phone home : 1 (514) 273 6119

e-mail : [christophe.grova@mail.mcgill.ca](mailto:christophe.grova@mail.mcgill.ca)

Marital Status: single

Nationality: French

Age: 33



---

### Education

- Jan 2003-July 2008:** **Post-Doctoral Position**  
Discipline: Biomedical Engineering, Signal and Image Processing  
Institution: *Epilepsy Department Montreal Neurological Institute* ([MNI](#)), [McGill University](#), Montreal QC, CANADA
- Dec. 2002:** **Ph.D Thesis**  
Discipline: Biomedical Engineering, Signal and Image Processing  
Institution: *Laboratoire IDM at Rennes 1 University* (Department: *Signals and Images in Biology and Medicine*), FRANCE
- Sept. 1998:** **Diplôme d'Etudes Approfondies** (DEA: equivalent Master of Science, required before starting a Ph.D)  
**Diploma obtained from a French Engineering School** (equivalent Bachelor of Science)  
Discipline: Biomedical Engineering, Signal and Image Processing  
Cognitive Science Specialization  
Institution: *Compiègne University of Technology* ([UTC](#)), FRANCE
- Jun. 1992:** **Baccalauréat C** (equivalent High School Diploma)  
Discipline: Physics and Mathematics  
Institution: *Lycée Félix Meyer, Creutzwald*, FRANCE

---

### Research Activities

- Since July 2008:** **Assistant Professor affiliated to [Biomedical Engineering Department](#) and [Neurology and Neurosurgery Department](#) from McGill Faculty of Medicine and to the [Montreal Neurological Institute](#)**
- Apr 2006 – July 2008:** **Collaboration during my PostDoc:** *Evaluation of source localization techniques using MEG data*  
Supervisors: **Pr. Franco Lepore PhD, Pr. Pierre Jolicoeur PhD.**  
Institution: *Centre de Recherche en Neuropsychologie et cognition* ([CERNEC](#)), [Université de Montréal](#), Montreal QC, CANADA
- Jan 2003-July 2008:** **PostDoc Subject:** *Multimodal analysis of epileptic spikes: EEG source localization and simultaneous EEG-fMRI data analysis*  
Supervisor: **Pr. Jean Gotman PhD**  
Institution: *Epilepsy Department Montreal Neurological Institute* ([MNI](#)), [McGill University](#), Montreal QC, CANADA  
Research funded by:
  - Postdoctoral fellowship from "Institut National pour la Recherche en Informatique et Automatique (INRIA)" - France in 2003
  - Jeanne Timmins Costello Fellowship - Montreal Neurological Institute in 2004
  - 2 years postdoctoral fellowship from "Fonds de Recherche pour la Santé au Québec (FRSQ)" starting in July 2005

- 1 year renewal of this postdoctoral fellowship from "Fonds de Recherche pour la Santé au Québec (FRSQ)" starting in July 2007

- 1998 - 2002:** **Ph.D Subject:** Realistic SPECT simulations for validation of SPECT/MRI registration methods using statistical similarity measurements: Application in the clinical context of epilepsy  
**Supervisor:** **Pr. Jean-Marie Scarabin MD-PhD**  
**Scientific Advisors:** Bernard Gibaud PhD and Habib Benali PhD  
**Institution:** *Laboratoire [IDM](#) at [Rennes 1 University](#) (Department: Signals and Images in Biology and Medicine), FRANCE*  
 Research supported by a grant from the "Ligue Française Contre l'Epilepsie" in 1999 and by a grant from the "Conseil Régional de Bretagne" in 2000.
- 1997 - 1998:** **DEA Subject:** Bone Segmentation and Brain Tissues Classification using Multispectral MRI  
**Director:** **François Langevin PhD**  
**Institution:** *C.I.M.A. (Centre d'Imagerie Médicale Avancée), Compiègne University of Technology ([UTC](#)), France*
- Aug. 1997:** **Summer Training Period:** Signal Processing Tools for Leakage Detection using Ultra-Sound  
**Institution:** *I.B.M.T. (Institut Biomedizinische Technik), Sankt Ingbert, GERMANY*
- Sept. 1996 – Feb. 1997:** **Training Period for B.Sc.:** Morphological MRI/3D X-ray Angiography Registration and Data Fusion  
**Director:** **Christian Barillot PhD**  
**Institution:** *Laboratoire IDM/SIM at Rennes 1 University, FRANCE*

## Skills

### Teaching/ Training:

- **2000/2001:** [IFSIC](#): *French Engineering School, Rennes 1 University*: Practical Work in Statistics
- **Sept. 2000-Feb 2001:** *Laboratoire IDM*: Supervising the training period of a B.Sc. student at the UTC: *Spatio-temporal representation of MEG activities using MRI anatomically constrained localization*
- **Feb. 2005-Aug 2005:** *EEG Lab – Montreal Neurological Institute*: Supervising the training period of a B.Sc. student at IFSIC: *Multimodal data processing and visualization platform in the context of the presurgical planning of epilepsy*

### Languages:

**French, English:** read, written and spoken  
**Italian:** spoken, working knowledge  
**German:** Basic level

### Computer Science:

C, C++, perl, matlab, SAS, R, SPM

### Others:

**Music:** jazz piano player  
**Sport:** sailing on [La Cancalaise](#)