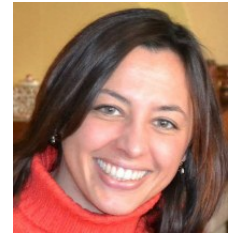


**Géraldine JEAN**  
Associate Professor in Computer Science



### Personal Details

<i>Name:</i>	JEAN Géraldine	<i>Address:</i>	LINA, University of Nantes 2 rue de la Houssinière 44322 Nantes, FRANCE
<i>Date and place of birth:</i>	02/23/1982 in Cholet, France	<i>Email:</i>	Geraldine.Jean@univ-nantes.fr
<i>Citizenship:</i>	French	<i>Web:</i>	http://gjean.openics.org
<i>Phone (work):</i>	+33 2 51 12 58 04		

### Education

**2009** **Qualification** to assistant professor functions (section 27, Computer Science)

**2005–2008** **Ph.D. in Computer Science**  
Thesis: *“In silico methods for genome rearrangement analysis: from identification of common markers to ancestral reconstruction”*  
Advisers: Pr. Serge Dulucq and Dr. Macha Nikolski  
LaBRI, University of Bordeaux - Talence, France

**2004–2005** **M.Sc. in Computer Science**  
Specialisation: *Models and Algorithms*  
M.Sc. thesis: *“Genomic rearrangements: state of the art and constrained reversal distance”*  
Adviser: Serge Dulucq  
University of Bordeaux - Talence, France

**2000–2004** **B.S. in Computer Science**  
Faculty of Sciences and Techniques of Nantes - Nantes, France

### Professional Experience

**2011-now** **Associate Professor in Computer Science**  
*Research:* COMBI team, LINA  
*Teaching:* Computer Science Department, Faculty of Sciences and Techniques of Nantes  
University of Nantes - Nantes, France

**2009-2011** **Postdoctoral position**  
*Topic:* Algorithms for short read alignments from RNA-seq data  
“Machine Learning in Biology” group, FML, Max Planck Society - Tübingen, Germany

**2009** **Assistant Professor in Computer Science**  
ENSEIRB, Engineer School of Computer Science - Bordeaux, France

**2008–2009** **Assistant Professor in Computer Science**  
Computer Science department of IUT Bordeaux 1 - Bordeaux, France

**2005–2008** **Teaching assistant in Computer Science**  
Computer Science department of IUT Bordeaux - France  
Computer Science department of University of Bordeaux - France  
ENSEIRB, Engineer School of Computer Science - Bordeaux, France

**Main teaching:** Programming (Java, J2EE and .Net), Graph algorithms, Databases

### Competence

**Languages:** C, C++, Pascal, Shell, Visual Basic, Java, SQL, Prolog, Caml, XML/XSLT, python, perl, UML

**Fields:** algorithm theory, combinatorics, graph theory, comparative genomics, bioinformatics, RNA-seq, alignment algorithms

**English:** fluent

**Spanish:** basic

**French:** native

### Main publications

Six articles in international journals (Information Processing Letters (2007), Journal of Computational Biology (2009), Genome Research (2009), Current Protocols in Bioinformatics (2010) and International Journal of Bioinformatics Research and Applications (2011), Nature (2011)), seven communications (talks or posters) in international conferences or workshops.