Thierry Martinez
9 rue de la Roseraie
92 360 Meudon-La-Forêt
09 54 43 26 72 – 06 07 82 61 15
martinez@nsup.org
http://contraintes.inria.fr/~tmartine/

Born on December 8, 1984 in Saint-Étienne (Loire, 42), French Citizen.

Software Development

2013   **Biocham-web:** web service for Biocham command line system, **CGI** in Perl, graphical user interface in **HTML5**/**Javascript**, persistent session, file transfer.
http://contraintes.inria.fr/BIOCHAM/online

2012   Packaging **Biocham** for Windows: system programming with **MinGW**, **autotools**.

2012   **FO-CTL($\mathbb{R}_{lin}$):** symbolic « model-checker » in **Prolog** with linear arithmetic constraint solving. http://contraintes.inria.fr/~tmartine/foctl

2009 – 2010   **EMoP and SiLCC:** compilers for linear-logic based languages, with module system, object oriented, concurrency. Developed with **Prolog** and **Caml**, bootstrapped, **LLVM** back-end.
http://contraintes.inria.fr/~tmartine/emop
http://contraintes.inria.fr/~tmartine/silcc

2007 – présent   **Contraintes Project–Team web site administration:** add-ons for **pmwiki** in **PHP** to integrate bibliography, **LDAP** authentication, automatic calendar for the internal seminar (**ICS**, e-mails). Setting up the team **SVN** repository.
Many contributions to Biocham and other software developments in **Java** and **C**.

Experience

2007 – current   **Inria Paris–Rocquencourt, EPI Contraintes**
Expert engineer since 2012
PhD student until 2012 (thesis not defended yet): Design and implementation of a concurrent language with constraints in linear logic.

2004 – 2007   **École normale supérieure**
Diplôme de l'École normale supérieure, mention Informatique
Parisian Master of Research in Computer Science, MPRI

February – August 2006: Research long internship at **University of Edinburgh**, supervised by Philip Wadler. Contribution to the web-oriented programming language Links: *A type system for **XML** datas **HTML** documents.*

June – August 2005: Research initiatory internship at **Exalead** company (Paris), as intern-engineer, supervised by Florian Douetteau. Contribution to the web search engine: *A fault-tolerant parser for **XML**.*

Teaching activities

2009 – 2010   **Parisian Master of Research in Computer Science (M2)**, 4 heures
Two introductory courses for Constraint Programming.

2008 – 2009   **Université Paris I Panthéon–Sorbonne (L1)**, 20 heures
Computer science for the economists.

2004 – 2007   **Lycée Claude Fauriel, Saint-Étienne (L2)**, 60 heures
Teaching Assistant for Computer Science, MP/MP*.

Selection of publications with steering committee

CP 2012   **Quebec**, A Boolean Model for Enumerating Minimal Siphons and Traps in Petri-nets.

CHR 2011   **Caire**, Angelic CHR.

PPDP 2010   **Hagenberg**, Semantics-preserving translations between Linear Concurrent Constraint Programming and Constraint Handling Rules.