

Curriculum Vitae

Matthieu Plumettaz
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Born on the 17th September 1984
Swiss and French nationality
Single



Application for a Ph. D.

Current Position: Scientific Fellow at the Swiss Federal Institute of Technology

Studies:

- **Master in Science in mathematical engineering** at the Swiss Federal Institute of Technology (EPFL) 2005-2007
Thesis Title: *Variable Space Search for Graph Coloring*
Thesis done at Laval University, Quebec, Canada
- **Bachelor in Mathematics** at the Swiss Federal Institute of Technology 2002-2005
- **Federal Maturity** at Burier's gymnasium (Option: Applied mathematics and Physics) 1999-2002

Academical records:

Publications:

- A. Hertz, M. Plumettaz and N. Zufferey, Variable Space Search for Graph Coloring, *Discrete Applied Mathematics*, *accepted in 2007*
- M. Plumettaz, D. Schindl and N. Zufferey, An efficient Population-Based Extension of the PartialCol Algorithm, Proceedings of the 2nd INFORMS Workshop on Artificial Intelligence and Data Mining, Seattle, USA, November 2007
- M. Plumettaz, D. Schindl and N. Zufferey, Ant Local Search and its Efficient Adaptation for Graph Colouring, *Submitted*.

Invited Talks:

Ant Local Search for Graph Coloring, Graph and Optimization VI, Cademario, Switzerland, August 2007

Invited Researcher:

by Laval University and Ecole Polytechnique Montréal, Group for Research in Decision Analysis (GERAD), Montreal, one week in October 2007

Teaching Assistant (performed at EPFL):

Discrete mathematics and Operations Research, Graphs and Networks, Analysis I and Analysis II during spring and autumn 2007.

Professional experience:

- Scientific fellow at EPFL since March 2007
- Support in mathematics for students in high school
- Summer work in the electrical department of Plumettaz SA during three years

Languages:

- **French:** native language
- **English:** good knowledge
- **German:** school concepts

Computer skills:

Microsoft Office, Latex, Biogeme, C++, Basic, Lua, html.

Center of interest:

- **Judo:** practice since 1991. Organize a teaching competition for young people for 8 years.
- **Traveling:** multiple trips in England, Norway, French, United States and Canada.
- **Ski:** since 1988.
- **Computer:** Programming