

**BAUCHY Mathieu**

24, rue de Bretagne  
 94000 CRETEIL  
 Phone number : (+33) 1 48 99 12 08  
 Cellular : (+33) 6 66 30 64 31  
 E-mail : [bauchy@rip.ens-cachan.fr](mailto:bauchy@rip.ens-cachan.fr)

23 years old, French  
 International driving licence

# CV

## Education

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- 2008/2009      **Master's Degree (M2) - Dynamic and statistic complex matter systems**  
*Ecole Normale Supérieure de Cachan / Paris VI*
- 2007/2008      **Physics Agregation** (*competitive examination to be a teacher*)  
*Ranked 87th*
- 2006/2007      **Master's Degree (M1) in Basic Physics** (*with distinctions*)  
*Ecole Normale Supérieure de Cachan / Paris VI*
- 2005/2006      **Bachelor's Degree in Basic Physics** (*with distinctions*)  
*Ecole Normale Supérieure de Cachan / Paris VI*
- 2005            **Entered after competitive examination in the ENS de Cachan**  
*Physics Department*
- 2003/2005      **Classe préparatoire PSI\*** (*2 years preparing competitive examinations in order to enter french 'Grandes Ecoles'*)  
*Lycée Marcelin Berthelot, Saint Maur*
- 2003            **Baccalauréat Scientifique mention Européenne** (*equivalent to A-Levels in Mathematics, Physics and Engineering Science, with distinctions*)  
*Lycée Léon Blum, Créteil*

## Work experience and internships

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- 2008/2009      **Examitor in MPSI and PSI\* classes**  
*MPSI Lycée Marcelin Berthelot (Saint Maur) and PSI\* Lycée Hoche (Versailles)*
- May/Aug 2008   **Research internship at the ESSCC, Brsibane, Australia**  
*Geophysics : Subduction modelling and simulation*
- Oct/Jan 2007   **Education internship in pre-A level classes**  
*Lycée Marcelin Berthelot, Saint Maur*
- May/July 2006   **Research internship at the Paris Observatory**  
*Data processing : calibration tests of the Planck satellite*

## Languages

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|---------|----------------------------------------|
| French  | <b>Fluent</b> ( <i>mother tongue</i> ) |
| English | <b>Fluent</b>                          |
| German  | <b>Non-fluent</b>                      |

## Computer skills

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|-------------|---------------------------------------------------------------------------------------------|
| Programming | <b>Basic, Turbo Pascal, Fortran, C/C++, Java, PHP (+MySQL/HTML) and <math>\LaTeX</math></b> |
| OS          | <b>Windows, Linux</b> ( <i>Debian, Slackware, Fedora, Mandriva and Ubuntu</i> )             |
| Softwares   | <b>Mapple, IDL, Igor, OpenOffice, MS Office...</b>                                          |

## Hobbies

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|--------------|-----------------------------------------------------------------------------------------------------------------|
| Student life | <b>Member of the Astronomy club and of the Students Office</b>                                                  |
| Webmastering | <b>Creating many web sites</b> ( <i>see <a href="http://mathieu.bauchy.com">http://mathieu.bauchy.com</a></i> ) |
| Sport        | <b>Soccer, Table tennis...</b>                                                                                  |
| Others       | <b>Music, Video games...</b>                                                                                    |