

MICHAEL BEBRONNE

Male, Age : 29

Nationality : Belgian

Marital Status : Single, no children

Driving License : B

Available : Augustus 2012

E-MAIL: mbebronn@gmail.com

HTTP://homepages.ulb.ac.be/~mbebronn

HTTP://www.linkedin.com/pub/michael-bebronne/43/aa6/310

YOUNG AND DYNAMIC PHYSICIST

WORK EXPERIENCES

• Postdoctoral Research Associate

LABORATOIRE D'ANNECY-LE-VIEUX DE PHYSIQUE DES PARTICULES (CNRS), FRANCE - AUGUSTUS 2010 TO JULY 2012

Data analysis for the Virgo international collaboration, which purpose is to detect gravitational waves emitted by some of the most violent events in the Universe. Mains duties are system modeling, data analysis, development of numerical codes and peer-review.

Data Analysis, Scientific Research, Scientific Communications, Computer Programming, Peer-review

• Teaching Assistant

MATHEMATICAL DEPARTMENT OF THE UNIVERSITÉ LIBRE DE BRUXELLES (ULB), BELGIUM - SEPTEMBER 2009 TO JULY 2010

In charge of practical exercises in physics and mathematics for students having different qualifications, evaluation of exams, ... In parallel, I was pursuing my researches in physics in the Service de Physique Théorique (theory group) of the University.

Scientific Research & Teaching

• Junior Scientist (FRIA grant - FNRS)

SERVICE DE PHYSIQUE THÉORIQUE, UNIVERSITÉ LIBRE DE BRUXELLES (ULB), BELGIUM - OCTOBER 2005 TO SEPTEMBER 2009

PhD in physics. Study of several aspects of a new theory for gravity : theoretical foundations, observable predictions, ... I also add the opportunity to teach physics as a teaching assistant for several courses.

Scientific Research, Scientific Communications, Summarization and composition in French & in English, Presentation of talks in French & in English, Popularization, Teaching

EDUCATION

• Ph.D. in Physics

SERVICE DE PHYSIQUE THÉORIQUE, UNIVERSITÉ LIBRE DE BRUXELLES (ULB), BELGIUM - OCTOBER 2005 TO SEPTEMBER 2009

Title of the Thesis : Theoretical and phenomenological aspects of theories with massive gravitons

• Master Degree in Physics

UNIVERSITÉ LIBRE DE BRUXELLES (ULB), BELGIUM - SEPTEMBER 2001 TO SEPTEMBER 2005

• General Certificate of Secondary Education

COLLÈGE DON BOSCO, BRUSSELS, BELGIUM - SEPTEMBER 1995 TO JUNE 2001

MORE ABOUT ME

As a physicist, I am specialized in analyzing and solving different complex problems. I adapt easily to new situations, I learn fast. I am looking for an attractive work environment which enables me to take on new challenges.

GENERAL SKILLS :

- Methodical, organized
- Project management
- Critical thinking & analytical ability
- Constructive & optimistic
- Open-minded
- Expert in gravitational physics and therefore in complicated calculations and differential equations

COMPUTER SKILLS

- Operating Systems : *Windows, Linux, MacOS*
- Softwares : *LaTeX, Mathematica, ...*
- Web : *Html, css, Php*
- Programming languages : *Fortran, C/C++, Python, Java, ...*

LANGUAGES

- French : *native*
- English : *fluent*
- Dutch : *basic knowledge*

MORE

- Winner of the Belgian *Expo-Sciences des Jeunes Scientifiques* (May 2000), with a popularization project on gravitational lensing
- Several publications in leading journal in physics
- Participation to several national and international conferences and summer schools with contribution talks and presentations of my work
- Active member of a diving club in Brussels, coaching children from 8 to 14 years during their diving training
- Enjoy going abroad