

Christian BASTIN

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Born the 27/12/1984
Single
Belgian
Driver's license

Profile

- ▷ Engineer in Space Physics & Technologies, specialized in control, radiative thermal computing, finite element method, space conception problems, vibration theory.
- ▷ Good knowledge and working experience in Matlab-Simulink. Knowledge in ESARAD/ESATAN, Samcef, Catia, Office, Latex. Basic knowledge in C.
- ▷ Pragmatic, good adaptation capabilities, efficient worker, competitive, versatile, self-educated.

Education

2002 - 2007 **Master in Engineering Physics and Space Technologies :**
University of Liège : highest honours .

Graduation thesis :

Modélisation thermique des 4 imageurs EUI de Solar Orbiter, realized at the Centre Spatial de Liège, advisor : Prof. P Rochus, use of ESARAD/ESATAN (thermal computation software of ESA), finalist of the Odissea price 2007 presented by the Belgian Senate.

Options :

Space experiment development, astrophysics (observations on a 80cm telescope at the Haute-Provence Observatory), vibration theory, finite element method, computer graphics , control systems, telecommunications.

1996 - 2002 **College** in Stavelot, Belgium

options : mathematics, physics, German, English, Latin.

Spoken languages

French Native language
German Fluent
English Good knowledge

Working experience

since 09/2007 **Assistant in applied science,**

University of Liège, Systems and Modeling research unit.

- Ph.D. (stopped in April 08) on saturation issues in control, with applications on an induction motor (anti wind-up control),
- Teaching in control theory (lesson 1st master),
- Study of a galvanizing line regulator for *IRM group*,
- Participation at the *Benelux Meeting on Systems and Control*.

2004 – 2006 Teaching student at the university of Liege in Rational Mechanics, Numerical Analysis, Analog Electronics

2001 – 2006 Holiday job in a supermarket (2 to 4 weeks per year).

2000 Holiday job in a home-building company (2 weeks).

Hobbies and personal interests

Sports Orienteering, football, mountain bike, ski
Social involvement Active member of the town's youth group
Ex secretary-treasurer of a student association