

# Jérôme Urbain

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**Born on** January 16, 1984  
Nationality: Belgian  
Mobile: +32.477.89.56.55  
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## Profile

- **Electrical Engineer**
- Perfectionist, responsible, fair and intense team spirit

## Education

- September 2001: Master of Science in Engineering, specialized in Electricity, with certificates in  
- June 2006 **telecommunications and biomedical engineering: maxima cum laude with the congratulations of the examiners:** Faculté Polytechnique de Mons (FPMs):  
Awarded: - best student in Electricity (prize of the electricians from Hainaut)  
- best master's thesis in biomedical engineering (GSK prize)  
- best master's thesis in electricity (Albert Dosin prize)
- September 1995: Latin-Mathematics concentration: high school diploma (Institut de l'Enfant-Jésus  
- June 2001 de Nivelles)
- 1996 – 2001: Mathematics Olympiads in Belgium: three times finalist

## Experience

- September 2006: **FPMs:** PhD Researcher. Involved in **European IP CALLAS**, working on  
- April 2010? emotional **speech recognition**
- February 2006: **Lehigh University (USA): Master's Thesis:** Improving the capabilities of  
- June 2006 actigraphy for **sleep analysis**
- August 2005: **University Hospital Center's Sleep Laboratory Liege (Belgium):** One month  
internship: Automatic detection of Sleep Apneas
- Summer 2004: **Faculty of Engineering of Catalonia (Barcelona):** Six weeks internship:  
Automatic detection of prominent words in **speech**
- 2004-2006: **FPMs:** Several projects including **signal** and **medical image processing** works
- February 2003: **FPMs: program to simulate typewriting** and compute the time necessary to type  
- May 2003 any text with any keyboard
- 2000-2003: **Hockey camps:** Children's coach

## Computer experience

Languages: C, C++  
Softwares: DesignCad, **Matlab**, FLTK (Fast Light ToolKit), VTK (Visualisation ToolKit),  
LNKnet (pattern classification software), LaTeX

## Languages

French: native language  
English: good knowledge  
Dutch: medium fluency

## Sports

- Field hockey: • National Belgian Hockey team for under 16 (**captain**) and under 18 squads
- Uccle Sport's top division hockey team: currently member
- Recreational skiing