



Curriculum Vitae of Filip Rooms

Born:	Sint-Niklaas, Belgium on July 1 st , 1975
Nationality:	Belgian
URL:	http://www.filiprooms.be/
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1 Personalia

- Hobbies and interests:
 - Astronomy, ICT, software development (especially in image processing and GIS applications), promotion of usage of free (as in freedom) software.

2 Working experience

- 2008-: postdoctoral researcher Ghent University, faculty of Engineering, dept. TELIN. Follow-up of research projects; research and development for (1) new algorithms for image and video restoration and (2) color management system optimizations.
- 2005-2008: Researcher/developer at IncGEO (Incubator for Geo-information), Kem-pische Steenweg 297/2, 3500 Hasselt, Belgium. Focus on development of commercial geo-software (cross platform windows/linux) based on research results of Flemish uni-versities.
- 2000-2005: Researcher at Ghent University, faculty of Engineering (see also section “Education”). Focus on the development of new algorithms for digital image restoration based on statistical image models.

3 Education

- 2000-2005: Ph.D. at Ghent University (Belgium), faculty of Engineering, dept. TELIN. Promotor: prof. dr. ir. Wilfried Philips. Title: *“Nonlinear Techniques in Image Restoration applied to Confocal Microscopy”*. Granted on June 10th 2005. <https://www.ugent.be/nl/nieuwsagenda/agenda/doctoraten/archief/2005/juni.htm>
- 1999-2000: Researcher at the faculty Bio-engineering, Ghent University, Belgium with Prof. P. Van Oostveldt. Focus on imaging and image processing related to confocal fluorescence microscopy.

- 1994-1999: Master in physics, Ghent University, Belgium (last year: great distinction)
- 1993-1994: Extra year of mathematics in Sint-Amandus Institute, Ghent (Belgium)
- 1987-1993: General secondary education: Scientific B in the Sint-Jozef-Klein-Seminarie, Sint-Niklaas (Belgium)

4 Social experiences

- 2009- member of JCI Gent (Junior Chamber International)
- 2001-02 Secretary of Seniorenkonvent Gent (joins region-based student clubs in Ghent)
- Organizer social program of conference *Advanced Concepts in Intelligent Vision Systems* ACIVS 2002 <http://telin.ugent.be/acivs2002/>
- 2000-01: Chairman overkoepeling wetenschappelijke studentenverenigingen Universiteit Gent
- 1998-99: student representative in commission to prepare the visitation of physics by the Flemish Interuniversity Council (Vlaamse Interuniversitaire Raad (VIIR))
- 1995-99: student representative in education commission physics, Ghent University
- 1994-97: member of national staff van de Jongerenvereniging Voor Sterrenkunde
- 1995-01: board student association for astronomy, Ghent University (chairman 2000-01)
- 1991-93: Chairman Youth Association for Astronomy, chapter Halley (Sint-Niklaas)

5 Skills

5.1 ICT related

- System administration: Windows (9X, NT, XP), Linux (Mandriva, (k)Ubuntu), contributor to course GNU/Linux (<http://savannah.nongnu.org/projects/glms/>)
- Software development: good knowledge of C/C++, Qt (GUI library, versions 3.x, 4.x), CVS, doxygen, kdevelop (IDE)
- Other: good knowledge of Pascal, knowledge of Unix shell scripting (bash), Tcl/tk, good knowledge of Matlab, java basics

5.2 Office/DTP related

- Microsoft: Microsoft Office (98, 2000, 2003), graphical manipulations with Adobe Photoshop, Corel Photopaint, Corel Draw
- Linux: OpenOffice.org, LaTeX, web, e-mail, graphical manipulations with Gimp, XV

5.3 Languages

Language	Level	Language	Level
Dutch	native	German	basic
English	very well	Spanish	basic
French	well		

5.4 Driving license

- Holder of European driving license B (+ have own car)

6 References

- Prof. dr. ir. Wilfried Philips, Dept. TELIN, UGent, St.-Pietersnieuwstraat 41, B9000 Gent, Belgium (+32) 9 264.33.85 Wilfried.Philips@UGent.be
- Philip Vanderputten, who was general manager of IncGEO, philip.vanderputten@gmail.com