

Curriculum vitae

Pieter Everaerts
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Belgium
02/09/1983

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Studies

- ❑ 1995-2001: KCST, Diesterstraat 1, 3800 Sint-Truiden, Belgium
-first 4 years: Latin-Greek, last 2 years: Sciences-Maths
-graduated with greatest distinction, June 2001
- ❑ 2001-2006: Universiteit Gent, Sint-Pietersnieuwstraat 25, 9000 Gent, Belgium
-civil engineering (Master of Science and Engineering after Bologna Treaty)
-graduated with greatest distinction, June 2006
- ❑ 2006-...: Massachusetts Institute of Technology, 77 Massachusetts Avenue, Cambridge MA, USA
-physics graduate student in laboratory for nuclear science (LNS)
-cumulative GPA: 5.0

Participation in contests:

- ❑ Flemish Mathematics Olympiad, 2000, 10.000 participants: 2nd round
- ❑ Flemish Chemistry Olympiad, 2001, 1000 participants: 1st prize
- ❑ Flemish Physics Olympiad, 2001, 1000 participants: finalist
- ❑ Flemish Mathematics Olympiad, 2001, 10.000 participants: finalist and honorary mentioning
- ❑ 33rd International Chemistry Olympiad (Mumbai, India), 6-15 July 2001, honorary mentioning
- ❑ La Tour Eiffel (concours de français), 2001, 4000 participants: 15th place

Language skills

- ❑ Dutch: mother tongue
- ❑ French: good writing skills, good oral skills
- ❑ English: very good writing skills, very good oral skills
- ❑ German: passive knowledge

Work experience

- ❑ seasonal work in the fruit growing business since 2001
- ❑ voluntary work assisting archaeologists during excavations in my home town (St. Truiden)
- ❑ voluntary researcher at the Department of Subatomic and Radiation Physics (research unit Molecular Modelling) at Ghent University 2003-2004
- ❑ summer student at CERN 2004, working on ISOLDE target development (supervisor: U. Köster)
- ❑ technical student at CERN 2005-2006, Gas Detector Development, working on GEM detectors (supervisors: F. Sauli and L. Ropelewski)
- ❑ MIT graduate student, working on CMS tracker at CERN 2007-...(supervisor: S. Nahn)

Publications

- ❑ "Ion feedback suppression in Time Projection Chambers", F. Sauli, L. Ropelewski and P. Everaerts, Nuclear Instruments and Methods A, volume 560, Issue 2, p. 269 (2006).
- ❑ "Volatile Elements Production Rates in a 1.4-GeV Proton-Irradiated Molten Lead-Bismuth Target", L. Zanini, M. Andersson, P. Everaerts, M. Fallot, H. Frånberg, F. Gröschel, C. Jost, T. Kirchner, Y. Kojima, U. Köster, J. Lebenhaft, E. Manfrin, E. Pitcher, H. Ravn, Y. Tall, W. Wagner, and M. Wohlmuther, AIP Conference Proceedings, volume 769, Conference on Nuclear Data for Science and Technology (2004), 1525-1528
- ❑ Poster: "On and off-line studies for ISOLDE target development", P. Everaerts, P. Maslankiewicz, U. Köster, presented at Euroschool on Exotic Beams, Surrey, UK
- ❑ "Rate capability and Ion feedback in GEM detectors", P. Everaerts, master thesis, Universiteit Gent, June 2006

Fellowships

- ❑ Francqui Foundation Fellow, 2006-2007
- ❑ Belgian American Educational Foundation Fellow, 2006-2007
- ❑ H. Kendall Fellowship, MIT, 2006-2007

Miscellanea

- ❑ member of the student board in secondary school (KCST, Sint-Truiden, Belgium)
- ❑ regular contributor to Scooldown.nl, online magazine for teenagers in 2000 and 2001
- ❑ student guide for the Chinese team, 34rd International Chemistry Olympiad, Groningen, the Netherlands, 5-14 July 2002
- ❑ cantor VLAK, 2004-2005
- ❑ student representative in 2nd, 3rd, 4th and 5th year civil engineering (Ghent University), last 2 years as member of the faculty council.
- ❑ member of the editorial board (since 2002) and treasurer (since 2003) of Schamper, the student newspaper of Ghent University
- ❑ treasurer (2003-2004) and president (2004-2005) of students' physical society (VVN)