# Sebastien VARRETTE, PhD

**Research Associate**
specialized in Distributed Platforms Security and HPC/Cloud systems.
**14 years of experience in Linux HPC systems**

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Born on November 27th, 1979 (in France)
Married (2004), two children (2007,2010)

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|---|---|
| TECHNICAL / MANAGEMENT EXPERTISE: | High Performance Computing (HPC), Grid, Cluster & Cloud Platforms. |
| | I'm administrating cluster-based HPC systems since 2003 (Linux environment) |
| | Leader of an expert team of HPC system administrator since 2008. |
| MAIN RESEARCH DOMAINS: | Security and Evaluation of Distributed Computing Platforms |
| | Relevant contributions per domains: |

- Code Obfuscation , CERTICLOUD, a Cloud IaaS secure platform
- Crash/cheating faults analysis in grid platforms
- Performance & Energy efficiency of HPC/Cloud platforms
- Design of the authentication system of Grid'5000
- Developing security awareness by education

## Education

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|---|---|---|
| 2007 | PH.D. IN COMPUTER SCIENCE, | with honours (*Excellent/Outstanding*) |
| | University of Luxembourg (UL) & Institut National Polytechnique de Grenoble (INPG) | |
| 2003 | M.SC. IN COMPUTER SCIENCE | with honours (*TB/First Class*) |
| | Speciality: Cryptology, Security and Information Coding (CSCI), | rank: 1st |
| 2003 | MASTER'S DEGREE IN ENGINEERING (Telecoms ENSIMAG) | with honours (*B/2.1*) |
| | Speciality: Computer Sciences and Telecommunications | rank: top 10% |

## Employment

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|---|---|
| 2011 – now | RESEARCH ASSOCIATE (UL, Luxembourg) |
| 2007 – 2010 | SCIENTIFIC COLLABORATOR (UL, Luxembourg) |
| 2004 – 2007 | RESEARCH ASSISTANT (UL, Luxembourg) |
| 2003 | SYSTEM ADMINISTRATOR (ID-IMAG, Grenoble, France) |

## Publications

| Publication category | Quantity |
|---|---|
| PhD Thesis | 1 |
| Books | 4 |
| Magazine | 1 |
| Book Chapters | 9 |
| International journals | 7 |
| International conferences with proceedings and reviews | 43 |
| (French) national conferences with proceedings and reviews | 4 |
| International conferences with proceedings | 1 |
| International conferences with reviews | 7 |
| Masters Thesis | 1 |
| Technical Reports | 8 |
| Miscellaneous | 1 |
| **Total:** | **87** |

| Publish or Perish | Papers:117 | Citations:330,Years:13 | **h-index:10**,g-index:15 | hc-index:8,hI-index:2,78,hI-norm:5 |
|---|---|---|---|---|
| | Cites/year: 25.38 | Cites/paper: 2.95/1.0/0 | Cites/author: 113.24 | Papers/author: 40.16    Query date: **2016-04-05** |
| DBLP | Google Scholar | | | |