

# Sebastien VARRETTE, PhD

## Research Associate

specialized in Distributed Platforms Security and HPC/Cloud systems.

**10 years of experience in Linux HPC systems**

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Born on November 27th, 1979 (in France)

Married (2004), two children (2007,2010)

ENGINEER EXPERTISE: High Performance Computing (HPC), Grid, Cluster & Cloud Platforms.  
I'm administrating cluster-based HPC systems since 2003 (Linux environment)  
Keywords: HPC, Debian, Xen, Puppet, OpenLDAP, git

MAIN RESEARCH DOMAINS: Security and Evaluation of Distributed Computing Platforms (clusters, grids or clouds).  
Relevant contributions in which I'm involved:

- Code Obfuscation , CERTICLOUD, a Cloud IaaS secure platform
- Crash/cheating faults analysis in grid platforms
- Performance evaluation & Energy efficiency of HPC/Cloud platforms
- Design of the authentication system of Grid5000
- Developing security awareness by education

## Education

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

## Employment

2011 – now	RESEARCH ASSOCIATE ( <a href="#">UL</a> , Luxembourg)
2007 – 2010	SCIENTIFIC COLLABORATOR ( <a href="#">UL</a> , Luxembourg)
2004 – 2007	RESEARCH ASSISTANT ( <a href="#">UL</a> , Luxembourg)
2003	SYSTEM ADMINISTRATOR ( <a href="#">ID-IMAG</a> , Grenoble, France)

## Publications

Publication category	Quantity
PhD Thesis	1
Books	4
Magazine	1
Book Chapters	7
International journals	4
International conferences with proceedings and reviews	27
(French) national conferences with proceedings and reviews	4
International conferences with proceedings	1
International conferences with reviews	6
Masters Thesis	1
Technical Reports	8
Miscellaneous	1

**Total: 65**

<a href="#">Publish or Perish</a>	Papers:48 Cites/year: 13.55	Citations:149,Years:11 Cites/paper: 3.10/2.0/0	<b>h-index:8</b> ,g-index:10 Cites/author: 58.98	hc-index:4,hI-index:2.56,hI-norm:4 Papers/author: 20.25	Query date: <b>2013-05-20</b>
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