

Sebastien VARRETTE, PhD

Research Associate

specialized in Distributed Platforms Security and HPC/Cloud systems.

12 years of experience in Linux HPC systems

Phone: +33(0)6 74 57 90 05

E-mail: Sebastien.Varrette@uni.lu

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 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

2007	PH.D. IN COMPUTER SCIENCE,	with honours (<i>Excellent/Outstanding</i>)
	University of Luxembourg (UL) & Institut National Polytechnique de Grenoble (INPG)	
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 (Telecoms ENSIMAG)	with honours (<i>B/2.1</i>)
	Speciality: Computer Sciences and Telecommunications	rank: top 10%

Employment

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	41
(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: 85

Publish or Perish	Papers:107	Citations:261,Years:12	h-index:9 ,g-index:13	hc-index:8,hI-index:2,79,hI-norm:4
DBLP	Cites/year: 21.75	Cites/paper: 2.44/0.0/0	Cites/author: 93.18	Papers/author: 38.22
	Google Scholar			Query date: 2015-07-06