Sebastien VARRETTE, PhD

Research Scientist
Management, Security and Performance of HPC systems

Phone: +33(0)6 74 57 90 05
E-mail: Sebastien.Varrette@uni.lu
Home page: http://varrette.gforge.uni.lu
GPG Key ID: 5D08BCDD4F156AD7

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

Short bio: Dr. Sebastien Varrette is Research Scientist within the Parallel Computing and Optimization Group (PCOG) group led by Prof. Pascal Bouvry at the University of Luxembourg.

Expert in the deployment and management of High Performance Computing (HPC) systems, he is leading since that time the development of the University's HPC platform, as well as the associated expert team of system administrators managing and supporting it.

His main research interests lie in the domains of the security and performance of parallel and distributed computing platforms, such as HPC or Cloud Computing infrastructures.

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:
	Crash/cheating faults tolerance
	Code Obfuscation , CERTICLOUD, a Cloud IaaS secure platform
	Performance,Energy efficiency of HPC/Cloud platforms
	Developing security awareness by education

Education

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 (Grenoble, France) with honours (*TB/First Class*)
	Speciality: Cryptology, Security and Information Coding (CSCI), rank: 1st
2003	MASTER'S DEGREE IN ENGINEERING (Telecoms ENSIMAG, Grenoble) with honours (*B/2.1*)
	Speciality: Applied Mathematics, Computer Sciences & Telecommunications rank: top 10%

Awards

2018	IEEE ICoin 2018: Best Paper Award
2014	IEEE NSS 2014: Best Student Paper Award

Publications

Publication category	Quantity
PhD Thesis	1
Books	5
Magazine	1
Book Chapters	9
International journals	7
International conferences with proceedings and reviews	45
(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:	**90**

Publish or Perish	Papers:121	Citations:534,Years:15	**h-index:12**,g-index:20	Cites/year: 35.60
	Cites/paper: 4.41	Cites/author: 166.46	Papers/author: 43.62	Query date: **2018-04-07**
DBLP	Google Scholar			