

# Sebastien VARRETTE, PhD

Research Scientist

Management, Security and Performance of HPC systems

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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

## 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 (Univ. de 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
Books	6
Magazine	1
Book Chapters	11
International journals	8
International conferences with proceedings and reviews	49
(French) national conferences with proceedings and reviews	4
International conferences with reviews (no proceedings)	7
PhD Thesis	1
Masters Thesis	1
Technical Reports and Presentations	17
Miscellaneous	1

**Total: 106**

<a href="#">Publish or Perish</a>	Papers:121	Citations:534,Years:15	<b>h-index:12</b> ,g-index:20	Cites/year: 35.60
<a href="#">Orbi<sup>lu</sup></a>	Cites/paper: 4.41	Cites/author: 166.46	Papers/author: 43.62	Query date: <b>2018-04-07</b>
	<a href="#">DBLP</a>	<a href="#">Google Scholar</a>		