CURRICULUM VITAE

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Ex & Current position
- Full professor in Computer Sciences at Université de Reims Champagne Ardenne (from Sep/ 2021)
- Member of the LICIIS / LRC CEA DIGIT laboratory (since 2021)
- Head of Master's degree in High Performance Computing and Simulation (CHPS, since 2019)
- Computer Science Expert for the French High Council for Evaluation of Research and Higher Education (HCERES, since 2010)
- Ex-member of the French National Council of Universities (2020-2021)
- Ex-director of the Computer Science department (CReSTIC Lab, 2018-2020)
- Ex-Associate professor at Université de Reims Champagne Ardenne (2007-2021)

Diploma
- 2017 – French upper-class thesis – *in French. Habilitation à diriger les recherches (HDR)* – Université de Reims Champagne Ardenne, France
- 2005 – PhD in Computer Science, Institut National Polytechnique de Grenoble, France
- 2002 – Doctoral School in Communicating Systems, EPFL, Switzerland
- 2001 – Master in Computer Science, Universidade Federal do Rio Grande do Sul, Brazil
- 1999 – Bachelor in Computer Science, Universidade Federal de Santa Maria, Brazil

Research Activity
- PhD Advising: 2 defended, 3 currents
- Written Reviewer/Examiner > 6 PhD thesis
- 5 Keynotes/Invited speaker
- +100 publications, >70% international
- General chair of 3 conferences/workshops
- Co-author of 1 national patent

Main Research Projects (leader/local leader)

- **H2020 AI4DI** (2019-2022) – Artificial Intelligence for the Digitizing Industry – 320K€
- **CAPES-Cofecub MESO** (2017-2021) – Modeling Antarctic Ozone Secondary Effects - 100k€
- **STIC-AmSud CC-SEM** (2017-2018) – Cloud Computing for Smart-City Energy Management – 34k€
- **STIC-AmSud PER-MARE** (2013-2014) - Adaptive Deployment of MapReduce-based Applications over Pervasive and Desktop Grid Infrastructures - 25k€
- **ANR HT-COVID** (2020-2022) - High-Throughput COmputational identification of Viral Inhibitors Designed to tackle COVID19 – 18k€
- **RGE E-COVISION** (2020-2021) – COVID Digital Observatory and Forecasting on Grand Est region – 40k€
- **RGE SMARTAGRI** (2019-2021) – Deep Learning applied to smart-agriculture – 130k€
- **LRC CEA DIGIT Programming models** (2021-2023) – Add GPU support to the MPC framework – 60k€

Other Research Projects (participation)

- **PIA3 Equipex TERRA FORMA** (2021-2028) – Intelligent Observatory of the Territory on the Anthropocene. 470k€
- **ANR - USS SimGrid** (2009-2011) - Ultra Scalable Simulations with SimGrid – 130k€
- **CPER - CapSec-ROFICA** (2010-2012) – WSN realistic and scalable routing – 210k€

Education & Teaching

- Under graduation: Programming languages (Java, Python), Computer Networks
- Master's degree: Parallel programming, cloud computing, Big Data, Machine/Deep Learning, Computer Networks
- Head of Master's degree in High Performance Computing and Simulation (CHPS, since 2019)