Short biography

Graduated in Electrical Engineering (UFSC - Brazil, 1987), MSc in Electrical Engineering (UFSC - Brazil, 1990), and PhD in Computer Science (IRISA - Université de Rennes I - France, 1994).

Since 2015 he is a professor at the Computer Science Department of the Federal University of Paraná - Brazil. Previously, he was professor at the Computer Science Department at UTFPR - Brazil (2011-2015), at PPGIa/PUCPR - Brazil (1998-2011), and assistant professor at DAS/UFSC - Brazil (1996-1998).

He was also a visiting professor at École des Mines de Nantes - France (1999-2001), University of Rennes I - France (2008), University of Milan/Crema - Italy (2009), INRIA Bretagne Research Center, Rennes - France (2018), and University of Milan - Italy (2025).

In 2001 he co-founded with prof. Joni Fraga the Brazilian Workshop on Information Security (WSeg), which later became the Brazilian Symposium on Information and Computing Systems Security (SBSeg). He coordinated the first three editions of WSeg and was the founder of the Special Interest Group in Security (CESeg) of the Brazilian Computer Society (SBC). He was the Brazilian representative at IFIP TC-11 from 2006 to 2010.

His research activities involve resource management and security in operating systems and distributed systems.

Timeline

- 1983 - 1988: Electrical Engineer, UFSC, Florianópolis - Brazil.
- 1988 - 1990: MSc in Electrical Engineering (Industrial Automation), UFSC, Florianópolis - Brazil, under the supervision of prof. Jean-Marie Farines.
- 1990 - 1994: PhD in Computer Science (distributed systems), IRISA/INRIA, Rennes - France, under the supervision of prof. Michel Raynal.
- 1994 - 1996: Researcher at the Electrical Engineering Dept, UFSC, Florianópolis - Brazil.
- 1996 - 1998: Co-founder and Professor at the Automation and Systems Engineering Dept, UFSC, Florianópolis - Brazil.
- 1998 - 2011: Professor at the Graduate Program in Computer Science at PUCPR, Curitiba - Brazil.
- 1999 - 2001: Invited Professor at École des Mines de Nantes, Nantes - France.
- 2006 - 2010: Brazilian representative in the IFIP TC-11 (Security and Privacy Protection).
- 2007 - 2008: Invited Professor at IRISA/INRIA - Université de Rennes I, Rennes - France.
- 2009: Visiting professor at Università degli Studi di Milano, Crema - Italy, under the supervision of prof. Pierangela Samarati.
- 2010 - 2015: Research productivity grant from the Brazilian Research Council (CNPq).
- 2011 - 2015: Professor at the Computer Science Dept at UTFPR, Curitiba - Brazil.
- 2015 - ... : Professor at the Computer Science Dept at UFPR, Curitiba - Brazil.
- 2018: Visiting professor at IRISA/INRIA Bretagne Atlantique, Rennes - France, under the supervision of prof. Ludovic Mé.
- 2021 - 2024: Coordinator of the Bachelor in Computer Science at UFPR (undergraduate level).
- 2025: Visiting professor at Università degli Studi di Milano, Milano - Italy, under the supervision of prof. Stelvio Cimato.

Research

Interest topics: security and resource management in operating systems and distributed systems.

More information:

- Lattes CV database (in portuguese)
- ResearchGate
- Google Profile
- DBLP database
- Research ID
- ORCID
- LinkedIn
- ~~Facebook~~, ~~Instagram~~, ~~Twitter~~, ~~Tiktok~~, ~~your preferred social network~~

Member of the SBC - Brazilian Computer Society.

Miscellaneous



Linux enthusiast and power-user since **1993**. In 1994 I wrote my PhD thesis using LaTeX on a laptop running the prehistoric SLS distribution (thanks Noël Plouzeau!).

The first kernel I compiled by myself was version 0.99.14, back in 1994.

Amateur homebrewer (in portuguese).

Erdös and Einstein numbers

My Erdös number is 3: Paul Erdös (0) → Shmuel Zaks (1) → Michel Raynal (2) → Carlos Maziero (3).

The papers linking us are:

1. *Minimum-Diameter Cyclic Arrangements in Mapping Data-Flow Graphs onto VLSI Arrays*. **P. Erdős**, I. Koren, S. Moran, G. Silberman, **S. Zaks**. In: Mathematical Systems Theory 21, 85-98, Springer-Verlag, 1988.
2. *On-the-fly replay: a practical paradigm and its implementation for distributed debugging*. O. Gerstel, **S. Zaks**, M. Hurfin, N. Plouzeau, **M. Raynal**. In: 6th IEEE Symposium on Parallel and Distributed Processing, 1994.
3. *A distributed kernel for virtual time driven applications*. Ph. Ingels, **C. Maziero**, **M. Raynal**. In: 4th IEEE Intl Conference on Computing and Information, 1992.

Similarly, my **Einstein Number** is 5: Albert Einstein (0) → Ernst Gabor Straus (1) → Béla Bollobás (2) → Jean-Claude Bermond (3) → Michel Raynal (4) → Carlos Maziero (5).

The papers linking us are:

1. *The influence of the expansion of space on the gravitation fields surrounding the individual stars*. **A. Einstein**, **E. Straus**. In: Rev. Modern Physics. 17, (1945). 120–124.
2. *Complete subgraphs of chromatic graphs and hypergraphs*. **B. Bollobás**, P. Erdős, **E. Straus**. In: Utilitas Math. 6 (1974), 343–347.
3. *The diameter of graphs - a survey*. **J.-C. Bermond**, **B. Bollobás**. In: 12th Southeastern Conference on Combinatorics, Graph Theory and Computing, Vol. I, 3–27, Baton Rouge USA, 1981.
4. *General and efficient decentralized consensus protocols*. **J.-C. Bermond**, J.-C. König, **M. Raynal**. In: Distributed Algorithms, Lecture Notes in Compututer Science, 312, Springer, Berlin, 1988.
5. *A distributed kernel for virtual time driven applications*. Ph. Ingels, **C. Maziero**, **M. Raynal**. In: 4th IEEE Intl Conference on Computing and Information, 1992.

From:
https://wiki.inf.ufpr.br/maziero/ - **Prof. Carlos Maziero**

Permanent link:
https://wiki.inf.ufpr.br/maziero/doku.php?id=short_biography

Last update: **2025/11/30 05:29**