

Pierre Nicodème's Vita

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| 1948 | Born in Amiens, France |
| 1965-1966 | Mathématiques Supérieures et Spéciales (undergraduate studies), Lycée Faidherbe, Lille |
| 1967-1969 | École polytechnique, Paris |
| 1970-1971 | CNRS internship training, Mathematics Department, University of Le Mans. |
| 1974-1979 | Software and micro-software engineer, Department of Peripheral Subsystems, Honeywell-Bull, Paris. |
| 1984-1991 | Software engineer, Copernique Cap Gemini; collaboration about data management with the Algorithms Project, INRIA. |
| 1992-1993 | Diplôme d'Études Approfondies, Computer Science (equivalent to a Master II), University Paris-VII; training period at INRIA in collaboration with the Laboratory of Genetics of Tumors, Institut Curie, and the LIX (Computer Science Laboratory), École polytechnique. Algorithmics and complexity of PCR-multiplex. |
| 1993-1997 | PhD. student at INRIA, Algorithms Project, and LIX, École polytechnique. Collaboration with the agronomics Institut INRA, Toulouse. Algorithmics of Multiple Alignments. |
| 1997 | PhD. delivered by University Paris-VII. |
| 1998-1999 | Post-doc at DKFZ-Heidelberg (German Institut for Cancer Research). Multiple Alignments and application to the SYSTEMS database. Motif Statistics and applications to the protein PROSITE Motifs database. |
| 2000-2003 | CNRS Research Associate, Laboratory Statistics and Genomes, Genopole, Évry. Development of the Motif Statistics package "regexpcount". |
| 2004-2010 | CNRS Research Associate, Laboratory LIX, École polytechnique. Analytic Combinatorics : common words to two sequences, profile of tries and suffix-trees. Collaboration with the Max-Planck-Institut, Molecular Genetics, Berlin. |
| 2010-2013 | CNRS Research Associate, Laboratory LIPN, University Paris13 |
| 2013-... | Honorary CNRS Researcher ; Associate member of the Laboratory LIPN. |

Selected publications.

- *Compact Balanced Tries*, Pierre Nicodème (1992). In : Proc. of IFIP Congress, Madrid, pages 477-483
- Motif Statistics, Pierre Nicodème, Bruno Salvy, and Philippe Flajolet, Theoretical Computer Science, vol. 287, num. 2, 2002, pages 593–618
- *Regexpcount, a symbolic package for counting problems on regular expressions and words*, Pierre Nicodème, Fundamenta Informaticae, vol. 56, num. 1-2, 2003, pages 71–88
- *Profile of Tries*, Gahyun Park, Hsien-Kuei Hwang, Pierre Nicodème and Wojciech Szpankowski, SIAM Journal on Computing, 38, 5, 2009, pages 1821-1880
- *Counting occurrences for a finite set of words : combinatorial methods*, Frédérique Bassino, Julien Clément and Pierre Nicodème, ACM Transactions on Algorithms, 8(3), pages 1-39, 2012
- *Nablus2014 CIMPA Summer School : Analysis of Random Structures*, Pierre Nicodème, Nicolas Pouyanne, Brigitte Chauvin, Jérémie Lumbroso, Basile Morcrette, Cécile Mailler, Proceedings, Nablus, Palestine, August 18-28, 2014, pages 1-138