



Curriculum Vitæ

Didier Verna
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Distinctions

Reviewers Choice Award 2018 from the Art, Science and Engineering of Programming Journal
(Verna, 2018a, n° 3)

Keynote Speaker at ACCU 2014
(Verna, 2014, n° 51)

Best Paper Award 2006 from the European Lisp Workshop
(Verna, 2006a, n° 43)

Currently

Position: Professor of Computer Science with Habilitation to Direct Research (HDR)
Teaching Establishment: École pour l'Informatique et les Techniques Avancées (EPITA)
Research Establishment: EPITA Research Lab (LRE)

Career

2024 Qualification for Full Professorship / Tenure-Track Positions (France)
French National Council of Universities (CNU)

Section: 27 — Computer Science

Jury: Olga Kouchnarenko, Céline Rouveirol

2020 Habilitation to Direct Research (HDR), EDITE of Paris, Sorbonne University, EPITA/LRE

Title: (dynamic (programming paradigms)) ;; *performance and expressivity*

Jury: Manuel Serrano, INRIA, Sophia Antipolis, France (reviewer)
Robert Strandh, Bordeaux University, France (reviewer)
Nicolas Neuß, FAU, Erlangen-Nürnberg, Germany (reviewer)
Marco Antonioti, Milan-Bicocca University, Italy (examiner)
Ralf Möller, Lübeck University, Germany (examiner)
Gérard Assayag, IRCAM, Paris, France (examiner).

2000 Ph.D. from École Nationale Supérieure des Télécommunications de Paris (ENST)

Title: Virtual Reality and Tele-Operation: Assisting the Operator with Cognitive Modelling of his Intentions

Jury: Philippe Coiffet, Jean-François Richard (reviewers)
Jean-Paul Papin (examiner)
Alain Grumbach (Supervisor)

1994 Engineering Degree from ENST, specialization Computer Science and Networks

1988 French Scientific "Baccalauréat" (C)

Professional Experience

2014–... Member of EDITE of Paris (Computer Science, Telecommunications, and Electronics Doctoral School))
2005–2018 Adjunct lecturer at ENST, ENSTA, UPMC, French National “Beaux Arts” School, and IONIS STM
Cf. details in the “Teaching Activities” section
1999–... Full Professor of Computer Science at EPITA

Note

I work part-time (3/5th, then more recently 4/5th). The following numerical data is expressed in absolute value. Teaching hours are accompanied with a full-time equivalent, but the rest (publication density, ecosystem participation, etc.) is to be evaluated relatively to my part-time activity.

1 Teaching Activities

I am the designer of all the lectures I have been giving since 1999. All course material is publicly available on the [teaching page](#)¹ of my scientific website.

1.1 Currently at EPITA

The lectures below are given to more than 600 3rd year undergraduate students every year. I am the “national course contact point” for these lectures: I design them give them myself at the parisian campus (around 400 students in 3 groups) and I supervise teams of 4 to 6 other lecturers who give them (with my course material) at the four other campuses in France: Lyon, Rennes, Strasbourg, and Toulouse.

In addition to that, there is also a lot of student monitoring and coaching on various projects. These activities vary from year to year so there are not detailed below, but they amount to tens of hours of additional pedagogical activities every year.

In Brief

- National course contact point
 - 600+ undergraduate students
 - 116h lect. + 42h lab. sess. = 158h/year
- ⇒ Full time equivalent = 200h/year

Formerly adjunct lecturer at ENST, ENSTA, UPMC, and the French National “Beaux Arts” school.

Title		Lectures	Lab. sessions	Since
IGPP	General Introduction to Programming Paradigms	2h		2016
AOP 1	Classical Object-Oriented Approaches to Programming	12h	3 (2h) = 6h	2016
AFP	Functional Approches to Programming	12h	4 (2h) = 8h	2008
AOP 2	Advanced Object-Oriented Approach to Programming	12h		2017
TYPO	Typography and Numerical Typesetting	12h		2023

The hourly workload is given in hours per student

1.2 Former Lectures

The following lectures are not given anymore. The number of students varied from around 50 (ENST, ENSTA, UPMC, French National “Beaux Arts” School) to 350 (EPITA)

Title	Location	Type	Level	Workload	Period
Image Synthesis	ENSTA/ ENST/ UPMC	Lectures + Lab. sessions	2 nd year Master’s	12h	2000 – 2010
Operating Systems	EPITA	Lectures	3 rd year undergrad.	30h	2000 – 2017
Virtual Reality	ENST/ Beaux Arts	Lectures + Lab. sessions	3 rd year undergrad.	9h	2000 – 2010
Parsing Techniques	EPITA	Lab. sessions	1 st year undergrad.	15h	1999 – 2005
Lisp Programming	IONIS STM	Lab. sessions	MBA	15h	2011 – 2018

The hourly workload is given in hours per student

¹<https://www.lrde.epita.fr/~didier/lectures/>

2 Visibility

2.1 International Conferences Steering Committees

- Onward! (ACM SIGPLAN Symposium on New Ideas in Programming and Reflections on Software), 2020–2023.
- ELS (European Lisp Symposium), co-founder and president since 2008.
- ELW (European Lisp Workshop), 2007–2010.

2.2 International Journal Programme Committees

- Art, Science, and Engineering of Programming Journal, 2021.
- Journal of Universal Computer Science, 2007 – 2010.

2.3 International Conferences Chairs

- Onward! (ACM SIGPLAN Symposium on New Ideas in Programming and Reflections on Software) Essays, 2020.
- ILC (International Lisp Conference), 2014.
- ELS (European Lisp Symposium), 2011.
- ELW (European Lisp Workshop), 2007–2010.

2.4 International Conferences Programme Committees

- DocEng (ACM SIGWEB Symposium on Document Engineering), 2025.
- Onward! (ACM SIGPLAN Symposium on New Ideas in Programming and Reflections on Software) Essays, 2024.
- ICCQ (International Conference on Code Quality), 2023–2025.
- ILC (International Lisp Conference), 2012, 2014.
- DLS (Dynamic Languages Symposium), 2011, 2013, 2015.
- SAC (ACM SIGAPP Symposium on Applied Computing), 2012, 2013, 2015.
- ELS (European Lisp Symposium), 2011–2016.
- COP (Context-Oriented Programming Workshop), 2010, 2013, 2016, 2018.
- FARM (ACM SIGPLAN Functional Art, Music, Modelling, and Design Workshop), 2018.
- ELW (European Lisp Workshop), 2007–2010.
- DyLa (Dynamic Languages and Applications Workshop), 2013, 2014.

2.5 Other Committees

- Most Notable Onward! 2010 Paper Award (selection committee 2020).
- Founder and first organizer of the Performance and Genericity Seminar of the EPITA Research Lab (LRE) in 2008. Up to two sessions per month.

2.6 Book Technical Reviewer

- GNU Autoconf, automake, libtool. Gary V. Vaughan, Ben Elliston, Tom Tromey and Ian Lance Taylor. *New Riders, October 2000*. ISBN 9781578701902.

In Brief

Co-founder and president of the European Lisp Symposium (ELS) Steering Committee

- International conferences steering committees: 3 / 22 years cumulated
- International journal programme committees: 2 / 5 years cumulated
- International conferences chairs: 4 / 7 years cumulated
- International conferences programme committees: 11 / 30 years cumulated

3 Academic Tutoring Activities

3.1 Ph.D.'s

3.1.1 Running

- **Supervisor. Co-Tutoring 50%.**
Maya Mouhammad. Network Intrusion Prediction by Federated and Interpretable Learning of Abnormalities in Distributed Environments. EPITA/LRE, Sorbonne University/UPMC, APL Data Center, EDITE of Paris.
- **Supervisor. Co-Tutoring 34%.**
Khaoula Sghaier. Securing V2X Communication Exchanges in Telematic Control Units. EPITA/LRE, Sorbonne University/UPMC, Telecom SudParis/SCN, VEDECOM, EDITE of Paris.

3.1.2 Defended

- **Supervisor. Co-Tutoring 34%.**
Baptiste Esteban. Implementing Modern and Efficient Morphological Techniques for Image Processing and Noise Estimation. EPITA/LRE, Sorbonne University/UPMC, EDITE of Paris. Defended on December 21st 2023.
- **Co-Tutoring 90%.**
Jim E. Newton. Representing and Computing with Types in Dynamically Typed Languages. EPITA/LRE, Sorbonne University/UPMC, EDITE de Paris. Defended on November 20th 2018.

3.2 Master's Internships

- Clément Bonnefoy. Interface and Graphical Programming for an Image Processing Library. *STL Master's, UPMC, 2016.*
- Krista Druskhu. Comparative Language Study for the design of DSL's. *STL Master's, UPMC, 2015.*
- Vuong Ha Minh et Tung Nguyen Duc. Sustainability of a Benchmarking Platform for Common Lisp. *Software Engineering Master's, Bordeaux I University, 2010.*

3.3 Étudiants-Chercheurs

The LRE includes undergraduate students for the duration of their scholarship. We train them for research by making them participate in our research projects. This is done in parallel with the first part of the regular scholarship and leads to a research-oriented major for the last part. They get several small research projects to conduct and validate under our supervision at LRE. Therefore, they can truly be considered “mini Ph.D. students”. For proof, the stars (★) in the list below indicate those who have published before their graduation from EPITA (their names can be found in the “Publications” section). Finally, those who have pursued their studies up to a Master's and/or a Ph.D. are also indicated.

- Aline Vongsavanh
- ★ Antoine Hacquard
- ★ Léo Valais
- ★ François Ripault
- ★ Laurent Senta
- ★ Christopher Chedeau
- Simon Odou, Master's and Ph.D. (LRI / Paris-Sud XI)
- ★ Guillaume Pitel, Master's and Ph.D. (LIMSI, Orsay)
- ★ Yoann Fabre, Master's and Ph.D. (UPMC)

3.4 Ph.D. Jurys and Supervisory Committees

- **Ph.D. Jury / reviewer.** Marco Heisig. Design and Implementation of the Parallel Programming Language Petalisp. *FAU Erlangen, Germany. July 2025. Supervisor: Harald Köstler.*
- **Ph.D. Jury / reviewer.** Jorge Vallejos. Modularising Context Dependency and Group Behaviour in Ambient-Oriented Programming Languages. *Software Languages Lab, Vrije Universiteit Brussel, July 2011. Supervision: Theo D'Hondt, Wolfgang De Meuter, Pascal Costanza.*
- **Supervisory committee.** Amaury Curiel. Binary Decision Trees and Acyclical Directed Graphs. *Sorbonne University/UPMC/LIP6/APR.*
- **Supervisory committee.** Bertrand Petit-Heidelein. Diffuse Computing and Live Arts: Massively Interactive Music. *INRIA/CIRM, STIC (doctoral school). Supervision: Manuel Serrano, François Paris.*

In Brief

• Running Ph.D.'s	2
• Defended Ph.D.'s	2
• 2 nd year Master's int.	3
• 1 st year undergrad. int.	1
• Student-Researchers	9
• Ph.D. jurys	3

• Keynotes and invitations	5
• Book chapters	1
• Technical book reviewing	1
• International journals	4
• International conferences	35
• International workshops	4
• National conferences	4
• Others	9
• Talks	14

4 Publications

4.1 Book Chapters

1. Extensible languages: Blurring the distinction between DSLs and GPLs. Didier Verna. In Marjan Mernik, editor, *Formal and Practical Aspects of Domain-Specific Languages: Recent Developments*, chapter 1. IGI Global, September 2012. ISBN 9781466620926. DOI [10.4018/978-1-4666-2092-6.ch001](https://doi.org/10.4018/978-1-4666-2092-6.ch001).

4.2 Journal Articles

2. A theoretical and numerical analysis of the worst-case size of reduced ordered binary decision diagrams. Jim E. Newton and Didier Verna. *ACM Transactions on Computational Logic*, 20(1), January 2019. ISSN 15293785. DOI [10.1145/3274279](https://doi.org/10.1145/3274279).
3. Lisp, Jazz, Aikido. Didier Verna. *The Art, Science and Engineering of Programming Journal*, 2(3), March 2018. DOI [10.22152/programming-journal.org/2018/2/10](https://doi.org/10.22152/programming-journal.org/2018/2/10).
4. Revisiting the visitor: the just do it pattern. Didier Verna. *Journal of Universal Computer Science*, 16(2):246–271, 2010. DOI [10.3217/jucs-016-02-0246](https://doi.org/10.3217/jucs-016-02-0246).
5. Binary methods programming: the CLOS perspective. Didier Verna. *Journal of Universal Computer Science*, 14(20): 3389–3411, 2008. DOI [10.3217/jucs-014-20-3389](https://doi.org/10.3217/jucs-014-20-3389).

4.3 International Conferences Articles

6. Towards more homogeneous paragraphs. Didier Verna. In *Proceedings of the ACM Symposium on Document Engineering 2025, DocEng’25*, New York, NY, USA, September 2025. Association for Computer Machinery. ISBN 9798400711695. DOI [10.1145/3704268.3742696](https://doi.org/10.1145/3704268.3742696).
7. Similarity problems in paragraph justification: an extension to the Knuth-Plass algorithm. Didier Verna. In *Proceedings of the ACM SIGWEB Symposium on Document Engineering 2024, DocEng’24*, pages 127–130, New York, NY, USA, August 2024. Association for Computing Machinery. ISBN 9798400711695. DOI [10.1145/3685650.3685666](https://doi.org/10.1145/3685650.3685666).
8. A large scale format compliance checker for $\text{\TeX}$ font metrics. Didier Verna. In Barbara Beeton and Karl Berry, editors, *TUG’24, 42nd $\text{\TeX}$ Users Group Conference*, volume 45, pages 221–226. $\text{\TeX}$ Users Group, $\text{\TeX}$ Users Group, September 2024. DOI [10.47397/tb/45-2/tb140verna-tfm](https://doi.org/10.47397/tb/45-2/tb140verna-tfm).
9. The Quickref cohort. Didier Verna. In *ELS’24, 17th European Lisp Symposium*, Vienna, Austria, May 2024. ISBN 9782955747483. DOI [10.5281/zenodo.10947962](https://doi.org/10.5281/zenodo.10947962).
10. Structural analysis of the additive noise impact on the α -tree. Baptiste Esteban, Guillaume Tochon, Edwin Carlinet, and Didier Verna. In *Proceedings of the 20th International Conference on Computer Analysis of Images and Patterns (CAIP)*, volume 14185 of *Lecture Notes in Computer Science Series*, Limassol, Cyprus, September 2023. Springer.
11. Interactive and real-time typesetting for demonstration and experimentation: ETAP. Didier Verna. In Barbara Beeton and Karl Berry, editors, *TUG’23, 41st $\text{\TeX}$ Users Group Conference*, volume 44, pages 242–248. $\text{\TeX}$ Users Group, $\text{\TeX}$ Users Group, 2023. DOI [10.47397/tb/44-2/tb137verna-realttime](https://doi.org/10.47397/tb/44-2/tb137verna-realttime).
12. A MOP-based implementation for method combinations. Didier Verna. In *ELS’23, 16th European Lisp Symposium*, pages 6–15, Amsterdam, Netherlands, April 2023. ISBN 9782955747476. DOI [10.5281/zenodo.7818680](https://doi.org/10.5281/zenodo.7818680).
13. The cost of dynamism in static languages for image processing. Baptiste Esteban, Edwin Carlinet, Guillaume Tochon, and Didier Verna. In *Proceedings of the 21st ACM SIGPLAN International Conference on Generative Programming: Concepts & Experiences*, Auckland, New Zealand, December 2022.
14. Estimation of the noise level function for color images using mathematical morphology and non-parametric statistics. Baptiste Esteban, Guillaume Tochon, Edwin Carlinet, and Didier Verna. In *Proceedings of the 26th International Conference on Pattern Recognition*, Montréal, Québec, August 2022.
15. ETAP: Experimental typesetting algorithms platform. Didier Verna. In *ELS’22, 15th European Lisp Symposium*, pages 48–52, Porto, Portugal, March 2022. ISBN 9782955747469. DOI [10.5281/zenodo.6334248](https://doi.org/10.5281/zenodo.6334248).
16. A corpus processing and analysis pipeline for quickref. Antoine Hacquard and Didier Verna. In *14th European Lisp Symposium*, pages 27–35, Online, May 2021. ISBN 9782955747452. DOI [10.5281/zenodo.4714443](https://doi.org/10.5281/zenodo.4714443).

17. Finite automata theory based optimization of conditional variable binding. Jim E. Newton and Didier Verna. In *ELS'19, 12th European Lisp Symposium*, pages 26–33, Genova, Italy, April 2019. ISBN 9782955747438. DOI [10.5281/zenodo.2635402](https://doi.org/10.5281/zenodo.2635402).
18. Implementing baker's subtypep decision procedure. Léo Valais, Jim E. Newton, and Didier Verna. In *ELS'19, 12th European Lisp Symposium*, pages 12–19, Genova, Italy, April 2019. ISBN 9782955747438. DOI [10.5281/zenodo.2646982](https://doi.org/10.5281/zenodo.2646982).
19. Parallelizing Quickref. Didier Verna. In *ELS'19, 12th European Lisp Symposium*, pages 89–96, Genova, Italy, April 2019. ISBN 9782955747438. DOI [10.5281/zenodo.2632534](https://doi.org/10.5281/zenodo.2632534).
20. Quickref: Common Lisp reference documentation as a stress test for Texinfo. Didier Verna. In Barbara Beeton and Karl Berry, editors, *TUG'19, 40th T_EX Users Group Conference*, volume 40, pages 119–125. T_EX Users Group, T_EX Users Group, September 2019.
21. Strategies for typecase optimization. Jim E. Newton and Didier Verna. In *ELS'18, 11th European Lisp Symposium*, pages 23–31, Marbella, Spain, April 2018. ISBN 9782955747421. DOI [10.5281/zenodo.3405191](https://doi.org/10.5281/zenodo.3405191).
22. Method combinators. Didier Verna. In *ELS'18, 11th European Lisp Symposium*, pages 32–41, Marbella, Spain, April 2018. ISBN 9782955747421. DOI [10.5281/zenodo.3247610](https://doi.org/10.5281/zenodo.3247610).
23. Programmatic manipulation of Common Lisp type specifiers. Jim E. Newton, Didier Verna, and Maximilien Colange. In *ELS'17, 10th European Lisp Symposium*, pages 28–35, Vrije Universiteit Brussel, Belgium, April 2017. ISBN 9782955747414. DOI [10.5281/zenodo.3405363](https://doi.org/10.5281/zenodo.3405363).
24. Type-checking of heterogeneous sequences in Common Lisp. Jim E. Newton, Akim Demaille, and Didier Verna. In *ELS'16, 9th European Lisp Symposium*, pages 13–20, AGH University of Science and Technology, Krakow, Poland, April 2016. ISBN 9782955747407. DOI [10.5281/zenodo.3405173](https://doi.org/10.5281/zenodo.3405173).
25. The incredible tale of the author who didn't want to do the publisher's job. Didier Verna. In Barbara Beeton and Karl Berry, editors, *TUG'13, 34th T_EX Users Group Conference*, volume 34. T_EX Users Group, 2013.
26. TiCL: the prototype (Star T_EX: the next generation, season 2). Didier Verna. In Barbara Beeton and Karl Berry, editors, *TUG'13, 34th T_EX Users Group Conference*, volume 34. T_EX Users Group, 2013.
27. Generic image processing with Climbl. Laurent Senta, Christopher Chedeau, and Didier Verna. In *ELS'12, 5th European Lisp Symposium*, Zadar, Croatia, May 2012. DOI [10.5281/zenodo.3248934](https://doi.org/10.5281/zenodo.3248934).
28. Star T_EX: the next generation. Didier Verna. In Barbara Beeton and Karl Berry, editors, *TUG'12, 33rd T_EX Users Group Conference*, volume 33. T_EX Users Group, 2012.
29. Biological realms in computer science. Didier Verna. In *Onward'11: the ACM SIGPLAN International Symposium on New Ideas, New Paradigms, and Reflections on Programming and Software Proceedings*, pages 167–176. ACM, October 2011. ISBN 9781450309417. DOI [10.1145/2089131.2089140](https://doi.org/10.1145/2089131.2089140).
30. Towards $\mathbb{T}$ _EX coding standards. Didier Verna. In Barbara Beeton and Karl Berry, editors, *TUG'11, 32nd T_EX Users Group Conference*, volume 32, pages 309–328. T_EX Users Group, 2011.
31. CLoX: Common lisp objects for XEmacs. Didier Verna. In *ELS'10, 3rd European Lisp Symposium*, Lisbon, Portugal, May 2010. DOI [10.5281/zenodo.3248958](https://doi.org/10.5281/zenodo.3248958).
32. Classes, styles, conflicts: the biological realm of $\mathbb{T}$ _EX. Didier Verna. In Barbara Beeton and Karl Berry, editors, *TUG'10, 31st T_EX Users Group Conference*, volume 31, pages 162–172. T_EX Users Group, 2010.
33. CLOS efficiency: Instantiation. Didier Verna. In *ILC'09 International Lisp Conference*, pages 76–90, MIT, Cambridge, Massachusetts, USA, March 2009. ALU (Association of Lisp Users). DOI [10.5281/zenodo.3386206](https://doi.org/10.5281/zenodo.3386206).
34. Binary methods programming: the CLOS perspective. Didier Verna. In *ELS'08, 1st European Lisp Symposium*, pages 91–105, Bordeaux, France, May 2008. DOI [10.5281/zenodo.3248977](https://doi.org/10.5281/zenodo.3248977).
35. Action recognition: How intelligent virtual environments can ease human-machine interaction. Didier Verna. In Hal Thwaites and Scott Thrane Refsland, editors, *VSM'00, Sixth International Conference on Virtual Systems and MultiMedia*, pages 703–713, Gifu Research and Development Foundation, Gifu, Japan, October 2000. International Society on Virtual Systems and MultiMedia, Ohmsha Press.
36. *Urbi et Orbi*: Unusual design and implementation choices for distributed virtual realities. Didier Verna, Yoann Fabre, and Guillaume Pitel. In Hal Thwaites and Scott Thrane Refsland, editors, *VSM'00, Sixth International Conference on Virtual Systems and MultiMedia*, pages 714–724, Gifu Research and Development Foundation, Gifu, Japan, October 2000. International Society on Virtual Systems and MultiMedia, Ohmsha Press.

37. The multicast support in XEmacs. Didier Verna. In *m17n'99, 3rd International Symposium on Multilingual Environments*, Tsukuba, Japan, 1999.
38. Ergonomics and human-machine interaction concerns in Mule. Didier Verna. In *m17n'99, 3rd International Symposium on Multilingual Environments*, Tsukuba, Japan, 1999.
39. Can we define virtual reality? the MrIC model. Didier Verna and Alain Grumbach. In Jean-Claude Heudin, editor, *Virtual Worlds 98*, Lecture Notes in Artificial Intelligence, pages 29–41. Springer-Verlag, 1998.
40. Télé-opération et réalité virtuelle: Assistance à l'opérateur par modélisation cognitive de ses intentions. Didier Verna. In *IHM'97*, pages 205–206. Cépaduès-Éditions, 1997.

4.4 International Workshops Articles

41. Recognizing heterogeneous sequences by rational type expression. Jim E. Newton and Didier Verna. In *Meta'18, Meta-Programming Techniques and Reflection Workshop*, Boston, MA, USA, November 2018.
42. Context-oriented image processing. Didier Verna and François Ripault. In *COP'15, Context-Oriented Programming Workshop*, 2015. ISBN 9781450336543. DOI [10.1145/2786545.2786547](https://doi.org/10.1145/2786545.2786547).
43. Beating C in scientific computing applications. Didier Verna. In *ELW'06, 3rd European Lisp Workshop*, Nantes, France, July 2006.
44. Augmented reality, the other way around. Didier Verna and Alain Grumbach. In M. Gervautz, A. Hildebrand, and D. Schmalstieg, editors, *EGVE, 5th Eurographics Workshop on Virtual Environments*, pages 147–156. Springer, 1999.

4.5 National Conferences Articles

45. Analyse structurelle de l'influence du bruit sur l'arbre alpha. Baptiste Esteban, Guillaume Tochon, Edwin Carlinet, and Didier Verna. In *29e Colloque sur le traitement du signal et des images*, Grenoble, France, August 2023. GRETSI - Groupe de Recherche en Traitement du Signal et des Images.
46. Estimation de la fonction de niveau de bruit pour des images couleurs en utilisant la morphologie mathématique. Baptiste Esteban, Guillaume Tochon, Edwin Carlinet, and Didier Verna. In *Proceedings of the 28st Symposium on Signal and Image Processing (GRETSI)*, Nancy, France, September 2022.
47. Généricité dynamique pour des algorithmes morphologiques. Baptiste Esteban, Edwin Carlinet, Guillaume Tochon, and Didier Verna. In *Proceedings of the 28st Symposium on Signal and Image Processing (GRETSI)*, Nancy, France, September 2022.
48. Définir le virtuel: une vision cognitive. Didier Verna. In *ReViCo'99, Réalité Virtuelle et Cognition*, Paris, France, December 1999.

4.6 Keynotes and Invitations

49. Traitement des similarités dans la justification de paragraphe. Didier Verna. Exposé GUTenberg, September 2025.
50. Justification de paragraphe: le knuth-plass. Didier Verna. Exposé GUTenberg, January 2024.
51. Biological realms in computer science. Didier Verna. Keynote at ACCU'14, apr 2014.
52. CLOS efficiency: Instantiation. Didier Verna. Invited Talk at the Vrije University of Brussels, 2010.
53. Scientific computing in lisp: Beyond the performance of C. Didier Verna. Invited Talk at LaBRI, Université de Bordeaux I, France, 2006.

4.7 Reports and Various Publications

54. *(Dynamic (Programming Paradigms)) ; Performance and Expressivity*. Didier Verna. PhD thesis, EDITE de Paris, Sorbone-Université, EPITA/LRDE, July 2020. Habilitation à Diriger les Recherches.
55. JSPP: Morphing C++ into JavaScript. Christopher Chedeau and Didier Verna. Technical Report 201201-TR, LRDE (EPITA Research and Development Laboratory), January 2012.
56. Standard output streams default behavior in terminal sessions. Didier Verna. Common Document Repository #11, 2012. DOI [10.5281/zenodo.3414042](https://doi.org/10.5281/zenodo.3414042).

57. Clarification proposal for CLHS 22.3. Didier Verna. Common Document Repository #7, 2011. Doi [10.5281/zenodo.3413913](https://doi.org/10.5281/zenodo.3413913).
58. File-local variables. Didier Verna. Common Document Repository #9, 2011. Doi [10.5281/zenodo.3414042](https://doi.org/10.5281/zenodo.3414042).
59. $\LaTeX$ curricula vitae with the CurVe class. Didier Verna. *The Prac $\TeX$ Journal*, (3), August 2006.
60. CV formatting with CurVe. Didier Verna. *TUGBoat, Communications of the $\TeX$ Users Group*, 22(4):361–364, December 2001. ISSN 0896320.
61. *Télé-opération et Réalité Virtuelle: Assistance à l'Opérateur par Modélisation Cognitive de ses Intentions*. Didier Verna. PhD thesis, ENST (École Nationale Supérieure des Télécommunications de Paris), Paris, France, February 2000. ENST 00 E007.
62. Comment définir le virtuel ? le modèle MrIC. Didier Verna. Technical Report 97 D 008, ENST (École Nationale Supérieure des Télécommunications de Paris), 46 rue Barrault, 75013 Paris, France, 1997.

4.8 Talks

63. A taste of Julia. Didier Verna. ACCU'16, April 2016.
64. A taste of Julia. Didier Verna. Séminaire Performance et Généricité du LRDE, April 2016.
65. La musique des programmes. Didier Verna. Soirée Thématique de l'EPITA: l'Esthétique en Informatique, 2016.
66. Referential transparency is overrated. Didier Verna. ACCU'15, April 2015.
67. The bright side of exceptions. Didier Verna. ACCU'13, April 2013.
68. Extensibility for DSL design and implementation: a case study in Lisp. Didier Verna. DSLDI'13, DSL Design and Implementation Workshop, April 2013.
69. DSLs from the perspective of extensible languages. Didier Verna. ACCU'12, April 2012.
70. Lisp extensibility: Impact on DSL design and implementation. Didier Verna. Tutorial at ILC'12, the International Lisp Conference, 2012.
71. Meta-circularity, and vice-versa. Didier Verna. ACCU'11, April 2011.
72. Clon, the command-line options nuker. Didier Verna. ILC'10, the International Lisp Conference, 2010.
73. Revisiting the visitor: the just do it pattern. Didier Verna. ACCU'09, April 2009.
74. Performance and genericity: the forgotten power of Lisp. Didier Verna. ACCU'08, April 2008.
75. Sémantique et localisation de l'assistance en réalité virtuelle. Didier Verna and Alain Grumbach. In *Journées Nationales du Groupe de Travail sur la Réalité Virtuelle*, pages 105–112, 1998.
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