

Bibliographie du LRDE

21 mai 2019

Ce document contient la liste des articles acceptés écrits ou co-écrits par les membres du LRDE depuis 1999.

Le tableau suivant résume de manière quantitative le document. « Journal » et « conférences » ne font référence qu'aux publications relues par des pairs. Le corps de ce document est consacré à la bibliographie détaillée classée selon différents critères.

Année	Chapitre de livre	Journal	Conférence internationale	Conférence nationale	Rapport de recherche
2020	0	0	0	0	0
2019	0	5	11	0	0
2018	1	6	16	0	0
2017	1	5	21	0	1
2016	0	4	11	0	3
2015	0	1	19	0	0
2014	0	4	15	1	0
2013	0	2	13	0	0
2012	1	2	7	0	1
2011	0	1	8	1	1
2010	2	2	9	0	0
2009	0	1	9	0	0
2008	0	1	14	0	0
2007	0	1	12	1	0
2006	1	6	14	0	1
2005	0	2	10	0	1
2004	0	2	7	0	3
2003	0	1	9	0	0
2002	0	0	2	0	0
2001	0	0	8	0	0
2000	0	0	7	1	0
1999	0	0	1	1	1
Total	6	46	223	5	12

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1 Publications classées par catégories de publication

1.1 Année 2020

1.2 Année 2019

1.2.1 Revues

1. Vincent Bloemen, Alexandre Duret-Lutz, and Jaco van de Pol. Model checking with generalized Rabin and Fin-less automata. *International Journal on Software Tools for Technology Transfer*, 2019. Available as 'Online First'.
2. Nicolas Boutry, Thierry Géraud, and Laurent Najman. How to make n -D plain maps Alexandrov-well-composed in a self-dual way. *Journal of Mathematical Imaging and Vision*, 0 :1–26, 2019.
3. H. J. Kuijf, J. M. Biesbroek, J. de Bresser, R. Heinen, S. Andermatt, M. Bento, M. Berseht, M. Belyaev, M. J. Cardoso, A. Casamitjana, D. L. Collins, M. Dadar, A. Georgiou, M. Ghafoorian, D. Jin, A. Khademi, J. Knight, H. Li, X. Lladó, M. Luna, Q. Mahmood, R. McKinley, A. Mehrtash, S. Ourselin, B. Park, H. Park, S. H. Park, S. Pezold, Élodie Puybareau, L. Rittner, C. H. Sudre, S. Valverde, V. Vilaplana, R. Wiest, Yongchao Xu, Z. Xu, G. Zeng, J. Zhang, G. Zheng, C. Chen, W. van der Flier, F. Barkhof, M. A. Viergever, and G. J. Biessels. Standardized assessment of automatic segmentation of white matter hyperintensities : Results of the WMH segmentation challenge. *IEEE Transactions on Medical Imaging*, pages 1–13, 2019. Available as 'Early access'.
4. Diane Genest, Élodie Puybareau, Marc Léonard, Jean Cousty, Noémie De Crozé, and Hugues Talbot. High throughput automated detection of axial malformations in medaka embryo. *Computers in Biology and Medicine*, pages 157–168, 2019.
5. Li Wang, Dong Nie, Guannan Li, Élodie Puybareau, Jose Dolz, Qian Zhang, Fan Wang, Jing Xia, Zhengwang Wu, Jiawei Chen, Kim-Han Thung, Toan Duc Bui, Jitae Shin, Guodong Zeng, Guoyan Zheng, Vladimir S. Fonov, Andrew Doyle, Yongchao Xu, Pim Moeskops, Josien P.W. Pluim, Christian Desrosiers, Ismail Ben Ayed, Gerard Sanroma, Oualid M. Benkarim, Adrià Casamitjana, Verónica Vilaplana, Weili Lin, Gang Li, and Dinggang Shen. Benchmark on automatic 6-month-old infant brain segmentation algorithms : The iSeg-2017 challenge. *IEEE Transactions on Medical Imaging*, pages 1–12, 2019. Available as 'Early access'.

1.2.2 Conférences Internationales

1. Nicolas Boutry, Thierry Géraud, and Laurent Najman. An equivalence relation between morphological dynamics and persistent homology in 1D. In *Mathematical Morphology and Its Application to Signal and Image Processing – Proceedings of the 14th International Symposium on Mathematical Morphology (ISMM)*, Lecture Notes in Computer Science Series, pages 1–12, Saarbrücken, Germany, July 2019. Springer.
2. Edwin Carlinet and Thierry Géraud. Intervertebral disc segmentation using mathematical morphology—A CNN-free approach. In *Proceedings of the 5th MICCAI Workshop & Challenge on Computational Methods and Clinical Applications for Spine Imaging (CSI)*, volume 11384 of *Lecture Notes in Computer Science*, pages 105–118. Springer, 2019.
3. Edwin Carlinet and Thierry Géraud. Introducing multivariate connected openings and closings. In *Mathematical Morphology and Its Application to Signal and Image Processing – Proceedings of the 14th International Symposium on Mathematical Morphology (ISMM)*, Lecture Notes in Computer Science Series, pages 1–12, Saarbrücken, Germany, July 2019. Springer.
4. Ludovic Le Frioux, Souheib Baarir, Julien Sopena, and Fabrice Kordon. Modular and efficient divide-and-conquer SAT solver on top of the Painless framework. In *Proceedings*

of the 25th International Conference on Tools and Algorithms for the Construction and Analysis of Systems (TACAS'19), Lecture Notes in Computer Science. Springer, April 2019. To appear.

5. Jim Newton and Didier Verna. Finite automata theory based optimization of conditional variable binding. In *European Lisp Symposium*, Genova, Italy, April 2019.
6. Élodie Puybureau, Zhou Zhao, Younes Khoudli, Edwin Carlinet, Yongchao Xu, Jérôme Lacotte, and Thierry Géraud. Left atrial segmentation in a few seconds using fully convolutional network and transfer learning. In *Proceedings of the Workshop on Statistical Atlases and Computational Modelling of the Heart (STACOM 2018), in conjunction with MICCAI*, volume 11395 of *Lecture Notes in Computer Science*, pages 339–347. Springer, 2019.
7. Élodie Puybureau, Edwin Carlinet, Alessandro Benfenati, and Hugues Talbot. Spherical fluorescent particle segmentation and tracking in 3D confocal microscopy. In *Mathematical Morphology and Its Application to Signal and Image Processing – Proceedings of the 14th International Symposium on Mathematical Morphology (ISMM)*, Lecture Notes in Computer Science Series, pages 1–12, Saarbrücken, Germany, July 2019. Springer.
8. Julie Rivet, Guillaume Tochon, Michael Atlan, Serge Meimon, and Thierry Géraud. Motion compensation in digital holography for retinal imaging. In *Proceedings of the IEEE International Symposium on Biomedical Imaging (ISBI)*, Venice, Italy, April 2019.
9. Julie Rivet, Guillaume Tochon, Serge Meimon, Michel Pâques, Thierry Géraud, and Michael Atlan. Deep neural networks for aberrations compensation in digital holographic imaging of the retina. In *Proceedings of the SPIE Conference on Adaptive Optics and Wavefront Control for Biological Systems V*, San Francisco, CA, USA, February 2019.
10. Léo Valais, Jim Newton, and Didier Verna. Implementing baker’s SUBTYPEP decision procedure. In *12th European Lisp Symposium*, Genova, Italy, April 2019.
11. Didier Verna. Parallelizing quickref. In *12th European Lisp Symposium*, pages 89–96, Genova, Italy, April 2019.

1.3 Année 2018

1.3.1 Chapitres de livres

1. Jiri Barnat, Vincent Bloemen, Alexandre Duret-Lutz, Alfons Laarman, Laure Petrucci, Jaco van de Pol, and Etienne Renault. Parallel model checking algorithms for linear-time temporal logic. In Youssef Hamadi and Lakhdar Sais, editors, *Handbook of Parallel Constraint Reasoning*, chapter 12, pages 457–507. Springer International Publishing, Cham, 2018.

1.3.2 Revues

1. Nicolas Boutry, Thierry Géraud, and Laurent Najman. A tutorial on well-composedness. *Journal of Mathematical Imaging and Vision*, 60(3) :443–478, March 2018.
2. Nicolas Boutry, Rocio Gonzalez-Diaz, and Maria-Jose Jimenez. Weakly well-composed cell complexes over nD pictures. *Information Sciences*, 0 :1–22, June 2018.
3. Markus Götz, Gabriele Cavallaro, Thierry Géraud, Matthias Book, and Morris Riedel. Parallel computation of component trees on distributed memory machines. *IEEE Transactions on Parallel and Distributed Systems*, 29(11) :2582–2598, May 2018.
4. Jim Newton and Didier Verna. A theoretical and numerical analysis of the worst-case size of reduced ordered binary decision diagrams. *ACM Transactions on Computational Logic*, 2018.
5. Didier Verna. Lisp, jazz, aikido. *The Art, Science and Engineering of Programming Journal*, 2(3), March 2018.

6. Yongchao Xu, Baptiste Morel, Sonia Dahdouh, Élodie Puybureau, Alessio Virzì, Hélène Urien, Thierry Géraud, Catherine Adamsbaum, and Isabelle Bloch. The challenge of cerebral magnetic resonance imaging in neonates : A new method using mathematical morphology for the segmentation of structures including diffuse excessive high signal intensities. *Medical Image Analysis*, pages 1–23, 2018.

1.3.3 Conférences Internationales

1. Sylvie Boldo, Florian Faissole, and Vincent Tourneur. A formally-proved algorithm to compute the correct average of decimal floating-point numbers. In *25th IEEE Symposium on Computer Arithmetic*, Amherst, MA, United States, June 2018.
2. Edwin Carlinet, Thierry Géraud, and Sébastien Crozet. The tree of shapes turned into a max-tree : A simple and efficient linear algorithm. In *Proceedings of the 24th IEEE International Conference on Image Processing (ICIP)*, pages 1488–1492, Athens, Greece, October 2018.
3. Edwin Carlinet, Sébastien Crozet, and Thierry Géraud. Un algorithme de complexité linéaire pour le calcul de l’arbre des formes. In *Actes du congrès Reconnaissance des Formes, Image, Apprentissage et Perception (RFIAP)*, Marne-la-Vallée, France, June 2018.
4. Aliona Dangla, Élodie Puybureau, Guillaume Tochon, and Jonathan Fabrizio. A first step toward a fair comparison of evaluation protocols for text detection algorithms. In *Proceedings of the IAPR International Workshop on Document Analysis Systems (DAS)*, Vienna, Austria, April 2018.
5. Hakan Metin, Souheib Baarir, Maximilien Colange, and Fabrice Kordon. CDCLSym : Introducing effective symmetry breaking in SAT solving. In *Proceedings of the 24th International Conference on Tools and Algorithms for the Construction and Analysis of Systems (TACAS’18)*, volume 10805 of *Lecture Notes in Computer Science*, pages 99–114, Thessaloniki, Greece, April 2018. Springer.
6. Thibaud Michaud and Maximilien Colange. Reactive synthesis from LTL specification with Spot. In *Proceedings of the 7th Workshop on Synthesis, SYNT@CAV 2018*, volume xx of *Electronic Proceedings in Theoretical Computer Science*, page xx, 2018.
7. Minh Ôn Vũ Ngọc, Jonathan Fabrizio, and Thierry Géraud. Saliency-based detection of identity documents captured by smartphones. In *Proceedings of the IAPR International Workshop on Document Analysis Systems (DAS)*, pages 387–392, Vienna, Austria, April 2018.
8. Jim Newton and Didier Verna. Approaches in typecase optimization. In *European Lisp Symposium*, Marbella, Spain, April 2018.
9. Jim Newton and Didier Verna. Recognizing heterogeneous sequences by rational type expression. In *Proceedings of the Meta’18 : Workshop on Meta-Programming Techniques and Reflection*, Boston, MA USA, November 2018.
10. Élodie Puybureau, Guillaume Tochon, Joseph Chazalon, and Jonathan Fabrizio. Segmentation of gliomas and prediction of patient overall survival : A simple and fast procedure. In *Proceedings of the Workshop on Brain Lesions (BrainLes), in conjunction with MICCAI*, Lecture Notes in Computer Science. Springer, 2018.
11. Élodie Puybureau and Thierry Géraud. Real-time document detection in smartphone videos. In *Proceedings of the 24th IEEE International Conference on Image Processing (ICIP)*, pages 1498–1502, Athens, Greece, October 2018.
12. Élodie Puybureau, Yongchao Xu, Joseph Chazalon, Isabelle Bloch, and Thierry Géraud. Segmentation des hyperintensités de la matière blanche en quelques secondes à l’aide d’un réseau de neurones convolutif et de transfert d’apprentissage. In *Actes du congrès Reconnaissance des Formes, Image, Apprentissage et Perception (RFIAP), session spéciale “Deep Learning, deep in France”*, Marne-la-Vallée, France, June 2018. À paraître.

13. Etienne Renault. Improving parallel state-space exploration using genetic algorithms. In Mohamed Faouzi Atig, Saddek Bensalem, Simon Bliudze, and Bruno Monsuez, editors, *Proceedings of the 12th International Conference on Verification and Evaluation of Computer and Communication Systems (VECOS'18)*, volume 11181 of *Lecture Notes in Computer Science*, pages 133–149, Grenoble, France, September 2018. Springer, Cham.
14. Michaël Roynard, Edwin Carlinet, and Thierry Géraud. An image processing library in modern C++ : Getting simplicity and efficiency with generic programming. In *Proceedings of the 2nd Workshop on Reproducible Research in Pattern Recognition (RRPR)*, 2018.
15. Didier Verna. Method combinators. In *11th European Lisp Symposium*, Marbella, Spain, April 2018.
16. Yongchao Xu, Thierry Géraud, Élodie Puybureau, Isabelle Bloch, and Joseph Chazalon. White matter hyperintensities segmentation in a few seconds using fully convolutional network and transfer learning. In A. Crimi, S. Bakas, H. Kuijf, B. Menze, and M. Reyes, editors, *Brainlesion : Glioma, Multiple Sclerosis, Stroke and Traumatic Brain Injuries — 3rd International Workshop, BrainLes 2017, Held in Conjunction with MICCAI 2017, Quebec City, QC, Canada, September 14 2017, Revised Selected Papers*, volume 10670 of *Lecture Notes in Computer Science*, pages 501–514. Springer, Cham, 2018.

1.4 Année 2017

1.4.1 Chapitres de livres

1. Guillaume Tochon, Mauro Dalla Mura, Miguel-Angel Veganzones ans Silvia Valero, Philippe Salembier, and Jocelyn Chanussot. Advances in utilization of hierarchical representations in remote sensing data analysis. In Shunling Liang, editor, *Comprehensive Remote Sensing, 1st Edition*, volume 2, chapter 5, pages 77–107. Elsevier, November 2017.

1.4.2 Revues

1. Akim Demaille. Derived-term automata of multitape expressions with composition. *Scientific Annals of Computer Science*, 27(2) :137–176, 2017.
2. Etienne Renault, Alexandre Duret-Lutz, Fabrice Kordon, and Denis Poitrenaud. Variations on parallel explicit model checking for generalized Büchi automata. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(6) :653–673, April 2017. First published online on 26 April 2016.
3. Marçal Rusiñol, Joseph Chazalon, and Katerine Diaz-Chito. Augmented songbook : an augmented reality educational application for raising music awareness. *Multimedia Tools and Applications*, 77(11) :13773–13798, July 2017.
4. Guillaume Tochon, Jocelyn Chanussot, Mauro Dalla Mura, and Andrea Bertozzi. Object tracking by hierarchical decomposition of hyperspectral video sequences : Application to chemical gas plume tracking. *IEEE Transactions on Geoscience and Remote Sensing*, 55(8) :4567–4585, August 2017.
5. Yongchao Xu, Edwin Carlinet, Thierry Géraud, and Laurent Najman. Hierarchical segmentation using tree-based shape spaces. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 39(3) :457–469, April 2017.

1.4.3 Conférences Internationales

1. František Blahoudek, Alexandre Duret-Lutz, Mikuláš Klokočka, Mojmír Křetínský, and Jan Strejček. Seminotor : A tool for semi-determinization of omega-automata. In Thomas Eiter, David Sands, and Geoff Sutcliffe, editors, *Proceedings of the 21th International Conference on Logic for Programming, Artificial Intelligence, and Reasoning (LPAR-21)*, volume 46 of *EPiC Series in Computing*, pages 356–367. EasyChair Publications, May 2017.

2. Vincent Bloemen, Alexandre Duret-Lutz, and Jaco van de Pol. Explicit state model checking with generalized büchi and rabin automata. In *Proceedings of the 24th International SPIN Symposium on Model Checking of Software (SPIN'17)*, pages 50–59. ACM, July 2017.
3. Nicolas Boutry, Laurent Najman, and Thierry Géraud. Well-composedness in Alexandrov spaces implies digital well-composedness in z^n . In W.G. Kropatsch, N.M. Artner, and I. Janusch, editors, *Discrete Geometry for Computer Imagery – Proceedings of the 20th IAPR International Conference on Discrete Geometry for Computer Imagery (DGCI)*, volume 10502 of *Lecture Notes in Computer Science*, pages 225–237, Vienna, Austria, September 2017. Springer.
4. Edwin Carlinet, Yongchao Xu, Nicolas Boutry, and Thierry Géraud. La pseudo-distance du dahu. In *Actes d'ORASIS*, Colleville-sur-Mer, France, June 2017. À paraître.
5. J. Chazalon, P. Gomez-Krämer, J.-C. Burie, M. Coustaty, S. Eskenazi, M. Luqman, N. Nayef, M. Rusiñol, N. Sidère, and J.M. Ogier. SmartDoc 2017 video capture : Mobile document acquisition in video mode. In *Proceedings of the 1st International Workshop on Open Services and Tools for Document Analysis, (ICDAR-OST)*, pages 11–16, Kyoto, Japan, November 2017.
6. Akim Demaille and Thibaud Michaud. Derived-term automata of weighted rational expressions with quotient operators. In *Proceedings of the Thirteenth International Colloquium on Theoretical Aspects of Computing (ICTAC)*, volume 10580 of *Lecture Notes in Computer Science*, pages 155–173, Hanoi, Vietnam, October 2017. Springer.
7. Jordan Drapeau, Thierry Géraud, Mickaël Coustaty, Joseph Chazalon, Jean-Christophe Burie, Véronique Eglin, and Stéphane Bres. Extraction of ancient map contents using trees of connected components. In *Proceedings of the 12th IAPR International Workshop on Graphics Recognition (GREC)*, Kyoto, Japan, November 2017.
8. Lucas Drumetz, Guillaume Tochon, Jocelyn Chanussot, and Christian Jutten. Estimating the number of endmembers to use in spectral unmixing of hyperspectral data with collaborative sparsity. In *Proceedings of the 13th International Conference on Latent Variable Analysis and Signal Separation (LVA-ICA)*, Grenoble, France, February 2017.
9. Thierry Géraud, Yongchao Xu, Edwin Carlinet, and Nicolas Boutry. Introducing the Dahu pseudo-distance. In J. Angulo, S. Velasco-Forero, and F. Meyer, editors, *Mathematical Morphology and Its Application to Signal and Image Processing – Proceedings of the 13th International Symposium on Mathematical Morphology (ISMM)*, volume 10225 of *Lecture Notes in Computer Science*, pages 55–67, Fontainebleau, France, May 2017. Springer.
10. Lê Duy Huỳnh, Yongchao Xu, and Thierry Géraud. Morphological hierarchical image decomposition based on Laplacian 0-crossings. In J. Angulo, S. Velasco-Forero, and F. Meyer, editors, *Mathematical Morphology and Its Application to Signal and Image Processing – Proceedings of the 13th International Symposium on Mathematical Morphology (ISMM)*, volume 10225 of *Lecture Notes in Computer Science*, pages 159–171, Fontainebleau, France, May 2017. Springer.
11. Swen Jacobs, Nicolas Basset, Roderick Bloem, Romain Brenguier, Maximilien Colange, Peter Faymonville, Bernd Finkbeiner, Ayrat Khalimov, Felix Klein, Thibaud Michaud, Guillermo A. Pérez, Jean-François Raskin, Ocan Sankur, and Leander Tentrup. The 4th reactive synthesis competition (syntcomp 2017) : Benchmarks, participants & results. In Dana Fisman and Swen Jacobs, editors, *Proceedings Sixth Workshop on Synthesis*, volume 260 of *Electronic Proceedings in Theoretical Computer Science*, pages 116–143, Heidelberg, Germany, July 2017. Open Publishing Association.
12. Ludovic Le Frioux, Souheib Baarir, Julien Sopena, and Fabrice Kordon. PaInleSS : a framework for parallel SAT solving. In *Proceedings of the 20th International Conference on Theory and Applications of Satisfiability Testing (SAT'17)*, volume 10491 of *Lecture Notes in Computer Science*, pages 233–250. Springer, Cham, August 2017.

13. Tarek Menouer and Souheib Baarir. Parallel learning portfolio-based solvers. In *Proceedings of the International Conference on Computational Science (ICCS)*, pages 335–344, Zurich, Switzerland, June 2017.
14. Tarek Menouer and Souheib Baarir. Parallel satisfiability solver based on hybrid partitioning method. In *Proceedings of the 25th Euromicro International Conference on Parallel, Distributed and Network-based Processing (PDP)*, pages 54–60, St. Petersburg, Russia, March 2017.
15. Jim Newton, Didier Verna, and Maximilien Colange. Programmatic manipulation of Common Lisp type specifiers. In *European Lisp Symposium*, Brussels, Belgium, April 2017.
16. Élodie Puybureau, Hugues Talbot, and Laurent Najman. Caractérisation des zones de mouvement périodiques pour applications bio-médicales. In *Actes du 26e Colloque GRETSI*, Juan-les-Pins, France, September 2017.
17. Élodie Puybureau, Hugues Talbot, and Laurent Najman. Periodic area-of-motion characterization for bio-medical applications. In *Proceedings of the IEEE International Symposium on Bio-Medical Imaging (ISBI)*, Melbourne, Australia, April 2017.
18. Élodie Puybureau, Hugues Talbot, Noha Gaber, and Tarik Bourouina. Morphological analysis of brownian motion for physical measurements. In J. Angulo, S. Velasco-Forero, and F. Meyer, editors, *Mathematical Morphology and Its Application to Signal and Image Processing – Proceedings of the 13th International Symposium on Mathematical Morphology (ISMM)*, volume 10225 of *Lecture Notes in Computer Science*, pages 486–497, Fontainebleau, France, May 2017. Springer.
19. E. Royer, J. Chazalon, M. Rusiñol, and F. Bouchara. Benchmarking keypoint filtering approaches for document image matching. In *Proceedings of the 14th International Conference on Document Analysis and Recognition (ICDAR)*, pages 343–348, Kyoto, Japan, November 2017.
20. Yongchao Xu, Thierry Géraud, and Isabelle Bloch. Segmentation d’IRM de cerveaux de nouveau-nés en quelques secondes à l’aide d’un réseau de neurones convolutif *pseudo-3d* et de transfert d’apprentissage. In *Actes du 26e Colloque GRETSI*, Juan-les-Pins, France, September 2017.
21. Yongchao Xu, Thierry Géraud, and Isabelle Bloch. From neonatal to adult brain MR image segmentation in a few seconds using 3D-like fully convolutional network and transfer learning. In *Proceedings of the 23rd IEEE International Conference on Image Processing (ICIP)*, pages 4417–4421, Beijing, China, September 2017.

1.4.4 Rapports de Recherche

1. Jim Newton. Analysis of algorithms calculating the maximal disjoint decomposition of a set. Technical report, LRDE, Paris, France, January 2017.

1.5 Année 2016

1.5.1 Revues

1. Stefania Calarasanu, Jonathan Fabrizio, and Séverine Dubuisson. What is a good evaluation protocol for text localization systems? concerns, arguments, comparisons and solutions. *Image and Vision Computing*, 46 :1–17, February 2016.
2. Jonathan Fabrizio, Myriam Robert-Seidowsky, Séverine Dubuisson, Stefania Calarasanu, and Raphaël Boissel. Textcatcher : a method to detect curved and challenging text in natural scenes. *International Journal on Document Analysis and Recognition*, 19(2) :99–117, February 2016.
3. Yongchao Xu, Thierry Géraud, and Laurent Najman. Connected filtering on tree-based shape-spaces. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 38(6) :1126–1140, June 2016.

4. Yongchao Xu, Thierry Géraud, and Laurent Najman. Hierarchical image simplification and segmentation based on Mumford-Shah-salient level line selection. *Pattern Recognition Letters*, 83(3) :278–286, November 2016.

1.5.2 Conférences Internationales

1. Stefania Calarasanu, Jonathan Fabrizio, and Séverine Dubuisson. From text detection to text segmentation : a unified evaluation scheme. In *Proceedings of the 2nd International Workshop on Robust Reading Conference (IWRR-ECCV)*, Amsterdam, The Netherlands, October 2016.
2. Stefania Calarasanu, Séverine Dubuisson, and Jonathan Fabrizio. Towards the rectification of highly distorted texts. In *Proceedings of the 11th International Conference on Computer Vision Theory and Applications (VISAPP)*, Rome, Italie, February 2016.
3. Gabriele Cavallaro, Mauro Dalla Mura, Edwin Carlinet, Thierry Géraud, Nicola Falco, and Jón Atli Benediktsson. Region-based classification of remote sensing images with the morphological tree of shapes. In *Proceedings of the IEEE International Geoscience and Remote Sensing Symposium (IGARSS)*, pages 5087–5090, Beijing, China, July 2016.
4. Pedro A. Torres-Carrasquillo, Frederick Richardson, Shahan Nercessian, Douglas Sturim, William Campbell, Youngjune Gwon, Swaroop Vattam, Reda Dehak, Harish Mallidi, Phani Sankar Nidadavolu, Ruizhi Li, Raghavendra Reddy Pappagari, Nanxin Chen, Najim Dehak, and Ruben Zazo. The mit lincoln laboratory 2016 speaker recognition system. In *NIST Speaker Recognition Evaluation 2016*, San Diego, California, December 2016.
5. Akim Demaille. Derived-term automata of multitape rational expressions. In Yo-Sub Han and Kai Salomaa, editors, *Proceedings of Implementation and Application of Automata, 21st International Conference (CIAA'16)*, volume 9705 of *Lecture Notes in Computer Science*, pages 51–63, Seoul, South Korea, July 2016. Springer.
6. Akim Demaille. Derived-term automata for extended weighted rational expressions. In *Proceedings of the Thirteenth International Colloquium on Theoretical Aspects of Computing (ICTAC)*, Lecture Notes in Computer Science, Taipei, Taiwan, October 2016. Springer.
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1.6 Année 2015

1.6.1 Revues

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1.10.2 Conférences Internationales

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1.11 Année 2010

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1.11.2 Revues

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1.12 Année 2009

1.12.1 Revues

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1.12.2 Conférences Internationales

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