

Bibliographie du LRDE

23 janvier 2022

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
2023	0	0	0	0	0
2022	0	1	0	0	0
2021	0	6	17	0	0
2020	0	5	10	0	0
2019	0	9	21	2	0
2018	1	5	13	2	0
2017	1	4	18	3	1
2016	0	4	11	0	3
2015	0	1	18	1	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	60	253	13	12

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1 Publications classées par catégories de publication

1.1 Année 2023

1.2 Année 2022

1.2.1 Revues

1. Nicolas Boutry, Rocio Gonzalez-Diaz, Laurent Najman, and Thierry Géraud. Continuous well-composedness implies digital well-composedness in n -d. *Journal of Mathematical Imaging and Vision*, January 2022. doi:10.1007/s10851-021-01058-8.

1.3 Année 2021

1.3.1 Revues

1. Nicolas Boutry, Rocio Gonzalez-Diaz, Maria-Jose Jimenez, and Eduardo Paluzo-Hildago. Strong Euler wellcomposedness. *Journal of Combinatorial Optimization*, November 2021. doi:10.1007/s10878-021-00837-8.
2. Sharib Ali, Mariia Dmitrieva, Noha Ghatwary, Sophia Bano, Gorkem Polat, Alptekin Temizel, Adrian Krenzer, Amar Hekalo, Yun Bo Guo, Bogdan Matuszewski, Mourad Gridach, Irina Voiculescu, Vishnusai Yoganand, Arnav Chavan, Aryan Raj, Nhan T. Nguyen, Dat Q. Tran, Le Duy Huynh, Nicolas Boutry, Shahadate Rezvy, Haijian Chen, Yoon Ho Choi, Anand Subramanian, Velmurugan Balasubramanian, Xiaohong W. Gao, Hongyu Hu, Yusheng Liao, Danail Stoyanov, Christian Daul, Stefano Realdon, Renato Cannizzaro, Dominique Lamarque, Terry Tran-Nguyen, Adam Bailey, Barbara Braden, James East, and Jens Rittscher. Deep learning for detection and segmentation of artefact and disease instances in gastrointestinal endoscopy. *Medical Image Analysis*, (102002), May 2021. doi:10.1016/j.media.2021.102002.
3. Yoo Jung Kim, Hyungjoon Jang, Kyoungbun Lee, Seongkeun Park, Sung-Gyu Min, Choyeon Hong, Jeong Hwan Park, Kanggeun Lee, Jisoo Kim, Wonjae Hong, Hyun Jung, Yanling Liu, Haran Rajkumar, Mahendra Khened, Ganapathy Krishnamurthi, Sen Yang, Xiyue Wang, Chang Hee Han, Jin Tae Kwak, Jianqiang Ma, Zhe Tang, Bahram Marami, Jack Zeineh, Zixu Zhao, Pheng-Ann Heng, Rudiger Schmitz, Frederic Madesta, Thomas Rosch, Rene Werner, Jie Tian, Élodie Puybareau, Matteo Bovio, Xiufeng Zhang, Yifeng Zhu, Se Young Chun, Won-Ki Jeong, Peom Park, and Jinwook Choi. PAIP 2019: Liver cancer segmentation challenge. *Medical Image Analysis*, 67:101854, January 2021. doi:10.1016/j.media.2020.101854.
4. Jimmy Francky Randrianasoa, Camille Kurtz, Éric Desjardin, and Nicolas Passat. AGAT: Building and evaluating binary partition trees for image segmentation. *SoftwareX*, 16(100855), December 2021. doi:10.1016/j.softx.2021.100855.
5. Anjany Sekuboyina, Malek E. Hussein, Amirhossein Bayat, Maximilian Löffler, Hans Liebl, Hongwei Li, Giles Tetteh, Jan Kukačka, Christian Payer, Darko Stern, Martin Urschler, Maodong Chen, Dalong Cheng, Nikolas Lessmann, Yujin Hu, Tianfu Wang, Dong Yang, Daguang Xu, Felix Ambellan, Tamaz Amiranashvili, Moritz Ehlke, Hans Lamecker, Sebastian Lehnert, Marilia Lirio, Nicolás Pérez de Olaguer, Heiko Ramm, Manish Sahu, Alexander Tack, Stefan Zachow, Tao Jiang, Xinjun Ma, Christoph Angerman, Xin Wang, Kevin Brown, Matthias Wolf, Alexandre Kirszenberg, Élodie Puybareau, Di Chen, Yiwei Bai, Brandon H. Rapazzo, Timyoas Yeah, Amber Zhang, Shangliang Xu, Feng Houa, Zhiqiang He, Chan Zeng, Zheng Xiangshang, Xu Liming, Tucker J. Netherton, Raymond P. Mumme, Laurence E. Court, Zixun Huang, Chenhang He, Li-Wen Wang, Sai Ho Ling, Lê Duy Huynh, Nicolas Boutry, Roman Jakubicek, Jiri Chmelik, Supriti Mulay, Mohanasankar Sivaprakasam, Johannes C. Paetzold, Suprosanna Shit, Ivan Ezhov, Benedikt Wiestler, Ben Glocker, Alexander Valentinitich, Markus Rempfler, Björn H. Menze, and Jan S. Kirschke.

VerSe: A vertebrae labelling and segmentation benchmark for multi-detector CT images. *Medical Image Analysis*, (102166), July 2021. doi:10.1016/j.media.2021.102166.

6. Zhaohan Xiong, Qing Xia, Zhiqiang Hu, Ning Huang, Cheng Bian, Yefeng Zheng, Sulaiman Vesal, Nishant Ravikumar, Andreas Maier, Xin Yang, Pheng-Ann Heng, Dong Ni, Caizi Li, Qianqian Tong, Weixin Si, Élodie Puybureau, Younes Khoudli, Thierry Géraud, Chen Chen, Wenjia Bai, Daniel Rueckert, Lingchao Xu, Xiahai Zhuang, Xinzhe Luo, Shuman Jia, Maxime Sermesant, Yashu Liu, Kuanquan Wang, Davide Borra, Alessandro Masci, Cristiana Corsi, Coen de Vente, Mitko Veta, Rashed Karim, Chandrakanth Jayachandran Preetha, Sandy Engelhardt, Menyun Qiao, Yuanyuan Wang, Qian Tao, Marta Nunez-Garcia, Oscar Camara, Nicolo Savioli, Pablo Lamata, and Jichao Zhao. A global benchmark of algorithms for segmenting the left atrium from late gadolinium-enhanced cardiac magnetic resonance imaging. *Medical Image Analysis*, 67:101832, January 2021. doi:10.1016/j.media.2020.101832.

1.3.2 Conférences Internationales

1. Isabelle Bloch, Samy Blusseau, Ramón Pino Pérez, Élodie Puybureau, and Guillaume Tochon. On some associations between mathematical morphology and artificial intelligence. In Joakim Lindblad, Filip Malmberg, and Nataša Sladoje, editors, *Proceedings of the IAPR International Conference on Discrete Geometry and Mathematical Morphology (DGMM)*, volume 12708 of *Lecture Notes in Computer Science*, pages 457–469, Uppsala, Sweden, May 2021. Springer. doi:10.1007/978-3-030-76657-3_33.
2. Nicolas Boutry, Thierry Géraud, and Laurent Najman. An equivalence relation between morphological dynamics and persistent homology in n -D. In *Proceedings of the IAPR International Conference on Discrete Geometry and Mathematical Morphology (DGMM)*, volume 12708 of *Lecture Notes in Computer Science*, pages 525–537, Uppsala, Sweden, May 2021. Springer. doi:10.1007/978-3-030-76657-3_38.
3. Nicolas Boutry and Thierry Géraud. A new matching algorithm between trees of shapes and its application to brain tumor segmentation. In *Proceedings of the IAPR International Conference on Discrete Geometry and Mathematical Morphology (DGMM)*, volume 12708 of *Lecture Notes in Computer Science*, pages 67–78, Uppsala, Sweden, May 2021. Springer. doi:10.1007/978-3-030-76657-3_4.
4. Nicolas Boutry and Guillaume Tochon. Stability of the tree of shapes to additive noise. In *Proceedings of the IAPR International Conference on Discrete Geometry and Mathematical Morphology (DGMM)*, volume 12708 of *Lecture Notes in Computer Science*, pages 365–377, Uppsala, Sweden, May 2021. Springer. doi:10.1007/978-3-030-76657-3_26.
5. Joseph Chazalon and Edwin Carlinet. Revisiting the Coco panoptic metric to enable visual and qualitative analysis of historical map instance segmentation. In *Proceedings of the 16th International Conference on Document Analysis and Recognition (ICDAR'21)*, volume 12824 of *Lecture Notes in Computer Science*, pages 367–382, Lausanne, Switzerland, September 2021. Springer, Cham. doi:10.1007/978-3-030-86337-1_25.
6. Joseph Chazalon, Edwin Carlinet, Yizi Chen, Julien Perret, Bertrand Duméniou, Clément Mallet, Thierry Géraud, Vincent Nguyen, Nam Nguyen, Josef Baloun, Ladislav Lenc, and Pavel Král. ICDAR 2021 competition on historical map segmentation. In *Proceedings of the 16th International Conference on Document Analysis and Recognition (ICDAR'21)*, volume 12824 of *Lecture Notes in Computer Science*, pages 693–707, Lausanne, Switzerland, September 2021. Springer, Cham. doi:10.1007/978-3-030-86337-1_46.
7. Yizi Chen, Edwin Carlinet, Joseph Chazalon, Clément Mallet, Bertrand Duméniou, and Julien Perret. Combining deep learning and mathematical morphology for historical map segmentation. In *Proceedings of the IAPR International Conference on Discrete Geometry and Mathematical Morphology (DGMM)*, volume 12708 of *Lecture Notes in Computer Science*, pages 79–92, Uppsala, Sweden, May 2021. Springer. Accepted. doi:10.1007/978-3-030-76657-3_5.

8. Yizi Chen, Edwin Carlinet, Joseph Chazalon, Clément Mallet, Bertrand Duméniou, and Julien Perret. Vectorization of historical maps using deep edge filtering and closed shape extraction. In *Proceedings of the 16th International Conference on Document Analysis and Recognition (ICDAR'21)*, volume 12824 of *Lecture Notes in Computer Science*, pages 510–525, Lausanne, Switzerland, September 2021. Springer, Cham. doi:10.1007/978-3-030-86337-1_34.
9. Joaquim Estopinan, Guillaume Tochon, and Lucas Drumetz. Learning Sentinel-2 spectral dynamics for long-run predictions using residual neural networks. In *Proceedings of the 29th European Signal Processing Conference (EUSIPCO)*, Dublin, Ireland, August 2021. doi:10.23919/EUSIPCO54536.2021.9616304.
10. Antoine Hacquard and Didier Verna. A corpus processing and analysis pipeline for Quickref. In *Proceedings of the 14th European Lisp Symposium (ELS)*, pages 27–35, Online, May 2021. doi:10.5281/zenodo.4714443.
11. Anissa Kheireddine, Étienne Renault, and Souheib Baarrir. Towards better heuristics for solving bounded model checking problems. In Laurent D. Michel, editor, *Proceedings of the 27th International Conference on Principles and Practice of Constraint Programmings (CP)*, volume 210 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 7:1–7:11, Montpellier, France (Virtual Conference), October 2021. Schloss Dagstuhl – Leibniz-Zentrum für Informatik. doi:10.4230/LIPIcs.CP.2021.7.
12. Alexandre Kirszenberg, Guillaume Tochon, Élodie Puybareau, and Jesus Angulo. Going beyond p-convolutions to learn grayscale morphological operators. In *Proceedings of the IAPR International Conference on Discrete Geometry and Mathematical Morphology (DGMM)*, volume 12708 of *Lecture Notes in Computer Science*, pages 470–482, Uppsala, Sweden, May 2021. Springer. doi:10.1007/978-3-030-76657-3_34.
13. Alexandre Kirszenberg, Antoine Martin, Hugo Moreau, and Etienne Renault. Go2Pins: A framework for the LTL verification of Go programs. In *Proceedings of the 27th International SPIN Symposium on Model Checking of Software (SPIN'21)*, volume 12864 of *Lecture Notes in Computer Science*, pages 140–156, Aarhus, Denmark (online), May 2021. Springer, Cham. doi:10.1007/978-3-030-84629-9_8.
14. Minh Ôn Vũ Ngọc, Yizi Chen, Nicolas C. Boutry, Joseph Chazalon, Edwin Carlinet, Jonathan Fabrizio, Clément Mallet, and Thierry Géraud. Introducing the boundary-aware loss for deep image segmentation. In *Proceedings of the 32nd British Machine Vision Conference (BMVC)*, Online, 2021. https://www.bmvc2021-virtualconference.com/assets/papers/1546.pdf.
15. Jim Newton and Adrien Pommellet. A portable, simple, embeddable type system. In *Proceedings of the 14th European Lisp Symposium (ELS)*, pages 11–20, Online, May 2021. European Lisp Symposium. doi:10.5281/zenodo.4709777.
16. Zhou Zhao, Nicolas Boutry, Élodie Puybareau, and Thierry Géraud. FOANet: A focus of attention network with application to myocardium segmentation. In *Proceedings of the 25th International Conference on Pattern Recognition (ICPR)*, pages 1120–1127, Milan, Italy, January 2021. IEEE. doi:10.1109/ICPR48806.2021.9412016.
17. Zhou Zhao, Nicolas Boutry, Élodie Puybareau, and Thierry Géraud. Do not treat boundaries and regions differently: An example on heart left atrial segmentation. In *Proceedings of the 25th International Conference on Pattern Recognition (ICPR)*, pages 7447–7453, Milan, Italy, January 2021. IEEE. doi:10.1109/ICPR48806.2021.9412755.

1.4 Année 2020

1.4.1 Revues

1. Nicolas Boutry, Laurent Najman, and Thierry Géraud. Topological properties of the first non-local digitally well-composed interpolation on n -D cubical grids. *Journal of Mathematical Imaging and Vision*, 62:1256–1284, September 2020. doi:10.1007/s10851-020-00989-y.

2. Nicolas Boutry, Laurent Najman, and Thierry Géraud. Equivalence between digital well-composedness and well-composedness in the sense of Alexandrov on n -D cubical grids. *Journal of Mathematical Imaging and Vision*, 62:1285–1333, September 2020. doi:10.1007/s10851-020-00988-z.
3. Minh Ôn Vũ Ngọc, Nicolas Boutry, Jonathan Fabrizio, and Thierry Géraud. A new minimum barrier distance for multivariate images with applications to salient object detection, shortest path finding, and segmentation. *Computer Vision and Image Understanding*, 197–198, August 2020. doi:10.1016/j.cviu.2020.102993.
4. Adrien Pommellet and Tayssir Touili. LTL model checking for communicating concurrent programs. *Innovations in Systems and Software Engineering: a NASA journal (ISSE)*, 16(2):161–179, June 2020. doi:10.1007/s11334-020-00363-6.
5. Etienne Renault. Improving swarming using genetic algorithms. *Innovations in Systems and Software Engineering: a NASA journal (ISSE)*, 16(2):143–159, June 2020. doi:10.1007/s11334-020-00362-7.

1.4.2 Conférences Internationales

1. Michael Atlan, Julie Rivet, Antoine Taliercio, Nicolas Boutry, Guillaume Tochon, and Jean-Pierre Huignard. Experimental digital gabor hologram rendering of *C. elegans* worms by a model-trained convolutional neural network (conference presentation). In *Label-free Biomedical Imaging and Sensing (LBIS) 2020*, volume 11251. International Society for Optics and Photonics, 2020. doi:10.1117/12.2545514.
2. František Blahoudek, Alexandre Duret-Lutz, and Jan Strejček. Seminotor 2 can complement generalized Büchi automata via improved semi-determinization. In *Proceedings of the 32nd International Conference on Computer-Aided Verification (CAV'20)*, volume 12225 of *Lecture Notes in Computer Science*, pages 15–27. Springer, July 2020. doi:10.1007/978-3-030-53291-8_2.
3. Nicolas Boutry, Rocio Gonzalez-Diaz, Maria-Jose Jimenez, and Eduardo Paluzo-Hildago. Euler well-composedness. In T. Lukic, R. P. Barneva, V. Brimkov, L. Comic, and N. Sladoje, editors, *Combinatorial Image Analysis: Proceedings of the 20th International Workshop, IWCIA 2020, Novi Sad, Serbia, July 16–18, 2020*, volume 12148 of *Lecture Notes in Computer Science*, pages 3–19. Springer, 2020. doi:10.1007/978-3-030-51002-2_1.
4. Nicolas Boutry, Rocio Gonzalez-Diaz, Laurent Najman, and Thierry Géraud. A 4D counterexample showing that DWcness does not imply CWcness in n -D. In T. Lukic, R. P. Barneva, V. Brimkov, L. Comic, and N. Sladoje, editors, *Combinatorial Image Analysis: Proceedings of the 20th International Workshop, IWCIA 2020, Novi Sad, Serbia, July 16–18, 2020*, volume 12148 of *Lecture Notes in Computer Science*, pages 73–87. Springer, 2020. doi:10.1007/978-3-030-51002-2_6.
5. Lucas Drumetz, Mauro Dalla Mura, Guillaume Tochon, and Ronan Fablet. Learning end-member dynamics in multitemporal hyperspectral data using a state-space model formulation. In *Proceedings of the 45th IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)*, pages 2483–2487, Barcelona, Spain, May 2020. doi:10.1109/ICASSP40776.2020.9053787.
6. Saeed Nejati, Ludovic Le Frioux, and Vijay Ganesh. A machine learning based splitting heuristic for divide-and-conquer solvers. In *Proceedings of the 26th International Conference on Principles and Practice of Constraint Programming (CP'20)*, volume 12333 of *Lecture Notes in Computer Science*, pages 899–916. Springer, Cham, September 2020.
7. Florian Renkin, Alexandre Duret-Lutz, and Adrien Pommellet. Practical “paritizing” of Emerson–Lei automata. In *Proceedings of the 18th International Symposium on Automated Technology for Verification and Analysis (ATVA'20)*, volume 12302 of *Lecture Notes in Computer Science*, pages 127–143. Springer, October 2020. doi:10.1007/978-3-030-59152-6_7.

8. Vincent Vallade, Ludovic Le Frioux, Souheib Baarir, Julien Sopena, and Fabrice Kordon. On the usefulness of clause strengthening in parallel SAT solving. In *Proceedings of the 12th NASA Formal Methods Symposium (NFM'20)*, volume 12229 of *Lecture Notes in Computer Science*, pages 222–229. Springer, Cham, August 2020.
9. Vincent Vallade, Ludovic Le Frioux, Souheib Baarir, Julien Sopena, Vijay Ganesh, and Fabrice Kordon. Community and LBD-based clause sharing policy for parallel SAT solving. In *Proceedings of the 23rd International Conference on Theory and Applications of Satisfiability Testing (SAT'20)*, volume 12178 of *Lecture Notes in Computer Science*, pages 11–27. Springer, Cham, June 2020.
10. Zhou Zhao, Nicolas Boutry, Élodie Puybureau, and Thierry Géraud. A two-stage temporal-like fully convolutional network framework for left ventricle segmentation and quantification on MR images. In Mihaela Pop, Maxime Sermesant, Oscar Camara, Xiahai Zhuang, Shuo Li, Alistair Young, Tommaso Mansi, and Avan Suinesiaputra, editors, *Statistical Atlases and Computational Models of the Heart. Multi-Sequence CMR Segmentation, CRT-EPiggy and LV Full Quantification Challenges—10th International Workshop, STACOM 2019, Held in Conjunction with MICCAI 2019, Shenzhen, China, October 13, 2019, Revised Selected Papers*, volume 12009 of *Lecture Notes in Computer Science*, pages 405–413. Springer, 2020. doi:[10.1007/978-3-030-39074-7_42](https://doi.org/10.1007/978-3-030-39074-7_42).

1.5 Année 2019

1.5.1 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*, 21(3):307–324, June 2019. doi:[10.1007/s10009-019-00508-4](https://doi.org/10.1007/s10009-019-00508-4).
2. Nicolas Boutry, Rocio Gonzalez-Diaz, and Maria-Jose Jimenez. Weakly well-composed cell complexes over n D pictures. *Information Sciences*, 499:62–83, October 2019. doi:[10.1016/j.ins.2018.06.005](https://doi.org/10.1016/j.ins.2018.06.005).
3. 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*, 61(6):849–873, July 2019. doi:[10.1007/s10851-019-00873-4](https://doi.org/10.1007/s10851-019-00873-4).
4. Lê Duy Huỳnh, Nicolas Boutry, and Thierry Géraud. Connected filters on generalized shape-spaces. *Pattern Recognition Letters*, 128:348–354, December 2019. doi:[10.1016/j.patrec.2019.09.018](https://doi.org/10.1016/j.patrec.2019.09.018).
5. H. J. Kuijf, J. M. Biesbroek, J. de Bresser, R. Heinen, S. Andermatt, M. Bento, M. Berseth, 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 Puybureau, 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*, 38(11):2556–2568, November 2019. URL: [10.1109/TMI.2019.2905770](https://doi.org/10.1109/TMI.2019.2905770).
6. 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*, 20(1):1–36, January 2019.
7. Diane Genest, Élodie Puybureau, 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*, 105:157–168, February 2019. doi:[10.1016/j.compbiomed.2018.12.016](https://doi.org/10.1016/j.compbiomed.2018.12.016).

8. Guillaume Tochon, Mauro Dalla Mura, Miguel Angel Veganzones, Thierry Géraud, and Jocelyn Chanussot. Braids of partitions for the hierarchical representation and segmentation of multimodal images. *Pattern Recognition*, 95:162–172, November 2019.
9. Li Wang, Dong Nie, Guannan Li, Élodie Puybureau, 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*, 38(9):2219–2230, September 2019. doi:[10.1109/TMI.2019.2901712](https://doi.org/10.1109/TMI.2019.2901712).

1.5.2 Conférences Internationales

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