

PUBLICATION LIST

of Gabriele Fici

University of Palermo, Italy

September 17, 2023

Edited Volumes

- [E2] Gabriele Fici, Giuseppe F. Italiano. *Special issue of Theoretical Computer Science (in memoriam Danny Breslauer)*, 812: 1–252, 2020, ISSN: 0304-3975. doi:10.1016/j.tcs.2020.02.019.
- [E1] Gabriele Fici, Marinella Sciortino, Rossano Venturini. *Proc. of the 24th International Symposium on String Processing and Information Retrieval (SPIRE '17). Lecture Notes in Comput. Sci.*, 10508, 2017, ISBN: 978-3-319-67427-8. doi:10.1007/978-3-319-67428-5.

Book Chapter

- [B1] Luc Boasson, Paola Bonizzoni, Clelia De Felice, Isabelle Fagnot, Gabriele Fici, Rocco Zaccagnino, Rosalba Zizza. Splicing Systems from Past to Future: Old and New Challenges. In: *Discrete Mathematics and Computer Science. In Memoriam Alexandru Mateescu (1952-2005)*, pp. 51–76, 2014. The Publ. House of the Romanian Academy, ISBN: 978-973-27-2470-5.

Invited Contribution

- [I1] Gabriele Fici. Open and Closed Words. In: *Bull. Eur. Assoc. Theor. Comput. Sci. EATCS (The Formal Language Theory Column)*, 123: 140-149, 2017. <http://bulletin.eatcs.org/index.php/beatcs/article/view/508/497>.

Refereed Journal Articles

- [J39] Gabriele Fici, Svetlana Puzynina: Abelian Combinatorics on Words: a Survey. *Comp. Sci. Rev.*, 47, 100532, 2023. doi:10.1016/j.cosrev.2022.100532.
- [J38] Alessandro De Luca, Gabriele Fici: On the Lie Complexity of Sturmian Words. *Theoret. Comput. Sci.*, 938:81–85, 2022. doi:10.1016/j.tcs.2022.10.009.
- [J37] Gabriele Fici, Jeffrey Shallit: Properties of a Class of Toeplitz Words. *Theoret. Comput. Sci.*, 922:1–12, 2022. doi:10.1016/j.tcs.2022.04.006.
- [J36] Gabriele Fici, Nicola Prezza, Rossano Venturini: Adaptive Learning of Compressible Strings. *Theoret. Comput. Sci.*, 896:46–52, 2021. doi:10.1016/j.tcs.2021.10.003.
- [J35] Giulia Bernardini, Huiping Chen, Gabriele Fici, Grigorios Loukides, Solon Pissis: Reverse-safe Text Indexing. *J. Exp. Algorithmics*, 26:Article No.: 1.10, pp. 1–6, 2021. doi:10.1145/3461698.
- [J34] Giuseppa Castiglione, Gabriele Fici, Antonio Restivo: Primitive Sets of Words. *Theoret. Comput. Sci.*, 866: 25–36, 2021. doi:10.1016/j.tcs.2021.03.003.

- [J33] Lorryne Ayad, Golnaz Badkobeh, Gabriele Fici, Alice Héliou, Solon Pissis: Constructing Antidictionaries of Long Texts in Output-Sensitive Space. *Theory Comput. Syst.*, 65: 777–797, 2021. [doi:10.1007/s00224-020-10018-5](https://doi.org/10.1007/s00224-020-10018-5).
- [J32] Péter Burcsi, Gabriele Fici, Zsuzsanna Lipták, Rajeev Raman, Joe Sawada: Generating a Gray code for prefix normal words in amortized polylogarithmic time per word. *Theoret. Comput. Sci.*, 842: 86–99, 2020. [doi:10.1016/j.tcs.2020.07.035](https://doi.org/10.1016/j.tcs.2020.07.035).
- [J31] Gabriele Fici, Antonio Restivo, Laura Rizzo: Minimal Forbidden Factors of Circular Words. *Theoret. Comput. Sci.*, 792: 144–153, 2019. [doi:10.1016/j.tcs.2018.05.037](https://doi.org/10.1016/j.tcs.2018.05.037).
- [J30] Gabriele Fici, Mickael Postic, Manuel Silva: Abelian Anti-Powers in Infinite Words *Adv. in Appl. Math.*, 108: 67–78, 2019. [doi:10.1016/j.aam.2019.04.001](https://doi.org/10.1016/j.aam.2019.04.001).
- [J29] Panagiotis Charalampopoulos, Maxime Crochemore, Gabriele Fici, Robert Mercas, Solon P. Pissis: Alignment-Free Sequence Comparison Using Absent Words. *Inform. and Comput.*, 262: 57–68, 2018. [doi:10.1016/j.ic.2018.06.002](https://doi.org/10.1016/j.ic.2018.06.002).
- [J28] Golnaz Badkobeh, Gabriele Fici, Simon Puglisi: Algorithms for Anti-powers in Strings. *Inform. Process. Lett.*, 137: 57–60, 2018. [doi:10.1016/j.ipl.2018.05.003](https://doi.org/10.1016/j.ipl.2018.05.003).
- [J27] Gabriele Fici, Antonio Restivo, Manuel Silva, Luca Q. Zamboni: Anti-Powers in Infinite Words. *J. Combin. Theory Ser. A*, 157: 109–119, 2018. [doi:10.1016/j.jcta.2018.02.009](https://doi.org/10.1016/j.jcta.2018.02.009).
- [J26] Gabriele Fici, Alessio Langiu, Giosuè Lo Bosco, Riccardo Rizzo: Bacteria Classification using Minimal Absent Words. *AIMS Med. Sci.*, 5(1): 23–32, 2018. [doi:10.3934/medsci.2018.1.23](https://doi.org/10.3934/medsci.2018.1.23).
- [J25] Gabriele Fici, Filippo Mignosi, Jeffrey Shallit: Abelian-Square-Rich Words. *Theoret. Comput. Sci.*, 684: 29–42, 2017. [doi:10.1016/j.tcs.2017.02.012](https://doi.org/10.1016/j.tcs.2017.02.012).
- [J24] Alessandro De Luca, Gabriele Fici, Luca Q. Zamboni: The Sequence of Open and Closed Prefixes of a Sturmian Word. *Adv. in Appl. Math.*, 90: 27–45, 2017. [doi:10.1016/j.aam.2017.04.007](https://doi.org/10.1016/j.aam.2017.04.007).
- [J23] Péter Burcsi, Gabriele Fici, Zsuzsanna Lipták, Frank Ruskey, Joe Sawada: On Prefix Normal Words and Prefix Normal Forms. *Theoret. Comput. Sci.*, 659: 1–13, 2017. [doi:10.1016/j.tcs.2016.10.015](https://doi.org/10.1016/j.tcs.2016.10.015).
- [J22] Julien Cassaigne, Gabriele Fici, Marinella Sciortino, Luca Q. Zamboni: Cyclic Complexity of Words. *J. Combin. Theory Ser. A*, 145: 36–56, 2017. [doi:10.1016/j.jcta.2016.07.002](https://doi.org/10.1016/j.jcta.2016.07.002).
- [J21] Gabriele Fici, Tomasz Kociumaka, Thierry Lecroq, Arnaud Lefebvre, Élise Prieur-Gaston: Fast Computation of Abelian Runs. *Theoret. Comput. Sci.*, 656 Part B: 256–264, 2016. [doi:10.1016/j.tcs.2015.12.010](https://doi.org/10.1016/j.tcs.2015.12.010).
- [J20] Gabriele Fici, Thierry Lecroq, Arnaud Lefebvre, Élise Prieur-Gaston, William F. Smyth: A Note on Easy and Efficient Computation of Full Abelian Periods of a Word. *Discr. Appl. Math.*, 212: 88–95, 2016. [doi:10.1016/j.dam.2015.09.024](https://doi.org/10.1016/j.dam.2015.09.024).
- [J19] Gabriele Fici, Alessio Langiu, Thierry Lecroq, Arnaud Lefebvre, Filippo Mignosi, Jarkko Peltomäki, Élise Prieur-Gaston: Abelian Powers and Repetitions in Sturmian Words. *Theoret. Comput. Sci.*, 635: 16–34, 2016. [doi:10.1016/j.tcs.2016.04.039](https://doi.org/10.1016/j.tcs.2016.04.039).
- [J18] Gabriele Fici, Tomasz Kociumaka, Jakub Radoszewski, Wojciech Rytter, Tomasz Waleń: On the Greedy Algorithm for the Shortest Common Superstring Problem with Reversals. *Inform. Process. Lett.*, 116: 245–251, 2016. [doi:10.1016/j.ipl.2015.11.015](https://doi.org/10.1016/j.ipl.2015.11.015).
- [J17] Gabriele Fici: Factorizations of the Fibonacci Infinite Word. *J. Integer Seq.*, 18: Article 15.9.3, 2015. <https://cs.uwaterloo.ca/journals/JIS/VOL18/Fici/fici5.html>.
- [J16] Jean-Marc Fédou, Gabriele Fici: Vertical Representation of C^∞ -words, *Theoret. Comput. Sci.*, 565: 90–101, 2015. [doi:10.1016/j.tcs.2014.11.011](https://doi.org/10.1016/j.tcs.2014.11.011).
- [J15] Gabriele Fici, Travis Gagie, Juha Kärkkäinen, Dominik Kempa: A Subquadratic Algorithm for Minimum Palindromic Factorization, *J. Discr. Alg.*, 28: 41–48, 2014. [doi:10.1016/j.jda.2014.08.001](https://doi.org/10.1016/j.jda.2014.08.001).

- [J14] Gabriele Fici: On the Structure of Bispecial Sturmian Words. *J. Comput. System Sci.*, 80: 711–719, 2014. doi:10.1016/j.jcss.2013.11.001.
- [J13] Gabriele Fici, Thierry Lecroq, Arnaud Lefebvre, Élise Prieur-Gaston: Algorithms for Computing Abelian Periods of Words. *Discr. Appl. Math.*, 163: 287–297, 2014. doi:10.1016/j.dam.2013.08.021.
- [J12] Golnaz Badkobeh, Gabriele Fici, Steve Kroon, Zsuzsanna Lipták: Binary Jumbled String Matching for Highly Run-Length Compressible Texts. *Inform. Process. Lett.*, 113: 604–608, 2013. doi:10.1016/j.ipl.2013.05.007.
- [J11] Gabriele Fici, Luca Q. Zamboni: On the Least Number of Palindromes Contained in an Infinite Word. *Theoret. Comput. Sci.*, 481: 1–8, 2013. doi:10.1016/j.tcs.2013.02.013.
- [J10] Michelangelo Bucci, Alessandro De Luca, Gabriele Fici: Enumeration and Structure of Trapezoidal Words. *Theoret. Comput. Sci.*, 468: 12–22, 2013. doi:10.1016/j.tcs.2012.11.007.
- [J9] Péter Burcsi, Ferdinando Cicalese, Gabriele Fici, Zsuzsanna Lipták: On Approximate Jumbled Pattern Matching in Strings. *Theory Comput. Syst.* 50: 35–51, 2012. doi:10.1007/s00224-011-9344-5.
- [J8] Péter Burcsi, Ferdinando Cicalese, Gabriele Fici, Zsuzsanna Lipták: Algorithms for Jumbled Pattern Matching in Strings. *Internat. J. Found. Comput. Sci.*, 23: 357–374, 2012. doi:10.1142/S0129054112400175.
- [J7] Jean-Marc Fédou, Gabriele Fici: Automata and Differentiable Words. *Theoret. Comput. Sci.*, 443: 46–62, 2012. doi:10.1016/j.tcs.2012.03.033.
- [J6] Gabriele Fici: Special Factors and the Combinatorics of Suffix and Factor Automata. *Theoret. Comput. Sci.* 412: 3604–3615, 2011. doi:10.1016/j.tcs.2011.03.007.
- [J5] Paola Bonizzoni, Clelia De Felice, Gabriele Fici, Rosalba Zizza: On the Regularity of Circular Splicing Languages: a Survey and New Developments. *Nat. Comput.* 9: 397–420, 2010. doi:10.1007/s11047-009-9155-7.
- [J4] Jean-Marc Fédou, Gabriele Fici: Some Remarks on Differentiable Sequences and Recursivity. *J. Integer Seq.* 13, Article 10.3.2, 2010. <https://cs.uwaterloo.ca/journals/JIS/VOL13/Fici/fici.html>.
- [J3] Clelia De Felice, Gabriele Fici, Rosalba Zizza: A Characterization of Regular Circular Languages Generated by Marked Splicing Systems. *Theoret. Comput. Sci.* 410: 4937–4960, 2009. doi:10.1016/j.tcs.2009.07.005.
- [J2] Gabriele Fici, Filippo Mignosi, Antonio Restivo, Marinella Sciortino: Word Assembly through Minimal Forbidden Words. *Theoret. Comput. Sci.* 359: 214–230, 2006. doi:10.1016/j.tcs.2006.03.006.
- [J1] Marie-Pierre Béal, Maxime Crochemore, Gabriele Fici: Presentations of Constrained Systems With Unconstrained Positions. *IEEE Trans. Inform. Theory* 51: 1891–1900, 2005. doi:10.1109/TIT.2005.846423.

Refereed Conference Proceeding Articles

- [C30] Giulia Bernardini, Gabriele Fici, Paweł Gawrychowski and Solon Pissis: Substring Complexity in Sublinear Space. In: *34th International Symposium on Algorithms and Computation (ISAAC 2023)*, *Leibniz Internat. Proc. in Informatics*, to appear, 2023.
- [C29] Gabriele Fici, Giuseppe Romana, Marinella Sciortino, Cristian Urbina: On the Impact of Morphisms on BWT-Runs. In: *Proc. of the 34th Annual Symposium on Combinatorial Pattern Matching (CPM '23)*, *Leibniz Internat. Proc. in Informatics*, Article No. 10; pp. 10:1–10:18, 2023. doi:10.4230/LIPIcs.CPM.2023.10
- [C28] Golnaz Badkobeh, Alessandro De Luca, Gabriele Fici, Simon Puglisi: Maximal Closed Substrings. In: *Proc. of the 29th International Symposium on String Processing and Information Retrieval (SPIRE '22)*, *Lecture Notes in Comput. Sci.*, 13617: 16–23, 2022. doi:10.1007/978-3-031-20643-6_2.

- [C27] Giulia Bernardini, Huiping Chen, Gabriele Fici, Grigorios Loukides, Solon Pissis: Reverse-Safe Data Structures for Text Indexing. In: *Proc. of the 22nd Meeting on Algorithm Engineering and Experiments (ALENEX '20)*, SIAM, pp. 199–213, 2020. doi:10.1137/1.9781611976007.16 (see [J35] for the journal version).
- [C26] Gabriele Fici, Paweł Gawrychowski: Minimal Absent Words in Rooted and Unrooted Trees. In: *Proc. of the 26th International Symposium on String Processing and Information Retrieval (SPIRE '19)*, *Lecture Notes in Comput. Sci.*, 11811: 152–161, 2019, doi:10.1007/978-3-030-32686-9_11.
- [C25] Giuseppa Castiglione, Gabriele Fici, Antonio Restivo: On Sets of Words of Rank Two. In: *Proc. of the 12th International Conference on Words (WORDS '19)*, *Lecture Notes in Comput. Sci.*, 11682: 46–59, 2019, doi:10.1007/978-3-030-28796-2_3 (see [J34] for the journal version).
- [C24] Lorrayne Ayad, Golnaz Badkobeh, Gabriele Fici, Alice Héliou, Solon Pissis: Constructing Antidictionaries in Output-Sensitive Space. In: *Proc. of the 2019 Data Compression Conference (DCC '19)*, *IEEE*, pp. 538–547, 2019. doi:10.1109/DCC.2019.00062 (see [J33] for the journal version).
- [C23] Gabriele Fici, Antonio Restivo, Laura Rizzo: Minimal Forbidden Factors of Circular Words. In: *Proc. of the 11th International Conference on Words (WORDS '17)*, *Lecture Notes in Comput. Sci.*, 10432: 36–48, 2017, doi:10.1007/978-3-319-66396-8_5 (see [J30] for the journal version).
- [C22] Gabriele Fici, Antonio Restivo, Manuel Silva, Luca Q. Zamboni: Anti-Powers in Infinite Words. In: *Proc. of the 43rd International Colloquium on Automata, Languages and Programming (ICALP '16)*, *Leibniz Internat. Proc. in Informatics*, vol. 55: 124:1–124:9, 2016. doi:10.4230/LIPIcs.ICALP.2016.124 (see [J27] for the journal version).
- [C21] Maxime Crochemore, Gabriele Fici, Robert Mercas, Solon P. Pissis: Linear-Time Sequence Comparison Using Minimal Absent Words & Applications. In: *Proc. of the 12th Latin American Theoretical Informatics Symposium (LATIN '16)*, *Lecture Notes in Comput. Sci.*, 9644: 334–346, 2016. doi:10.1007/978-3-662-49529-2_25 (see [J29] for the journal version).
- [C20] Gabriele Fici, Filippo Mignosi: Words with the Maximum Number of Abelian Squares. In: *Proc. of the 10th International Conference on Words (WORDS '15)*, *Lecture Notes in Comput. Sci.*, 9304: 122–134, 2015. doi:10.1007/978-3-319-23660-5_11 (see [J25] for the journal version).
- [C19] Gabriele Fici, Thierry Lecroq, Arnaud Lefebvre, Élise Prieur-Gaston: Online Computation of Abelian Runs. In: *Proc. of the 9th International Conference on Language and Automata Theory and Applications (LATA '15)*, *Lecture Notes in Comput. Sci.*, 8977: 391–401, 2015. doi:10.1007/978-3-319-15579-1_30 (see [J21] for the journal version).
- [C18] Golnaz Badkobeh, Gabriele Fici, Zsuzsanna Lipták: On the Number of Closed Factors in a Word. In: *Proc. of the 9th International Conference on Language and Automata Theory and Applications (LATA '15)*, *Lecture Notes in Comput. Sci.*, 8977: 381–390, 2015. doi:10.1007/978-3-319-15579-1_29.
- [C17] Arturo Carpi, Gabriele Fici, Štěpán Holub, Jakub Opršal, Marinella Sciortino: Universal Lyndon Words. In: *Proc. of the 39th International Symposium on Mathematical Foundations of Computer Science (MFCS '14)*, *Lecture Notes in Comput. Sci.*, 8634: 135–146, 2014. doi:10.1007/978-3-662-44522-8_12.
- [C16] Julien Cassaigne, Gabriele Fici, Marinella Sciortino, Luca Q. Zamboni: Cyclic Complexity of Words, In: *Proc. of the 39th International Symposium on Mathematical Foundations of Computer Science (MFCS '14)*, *Lecture Notes in Comput. Sci.*, 8634: 159–170, 2014. doi:10.1007/978-3-662-44522-8_14 (see [J22] for the journal version).
- [C15] Péter Burcsi, Gabriele Fici, Zsuzsanna Lipták, Frank Ruskey, Joe Sawada: Normal, Abby Normal, Prefix Normal. In: *Proc. of the 7th International Conference on Fun with Algorithms (FUN '14)*, *Lecture Notes in Comput. Sci.*, 8496: 74–88, 2014. doi:10.1007/978-3-319-07890-8_7 (see [J23] for the journal version).
- [C14] Péter Burcsi, Gabriele Fici, Zsuzsanna Lipták, Frank Ruskey, Joe Sawada: On Combinatorial Generation of Prefix Normal Words, In: *Proc. of the 25th Annual Symposium on Combinatorial Pattern Matching (CPM '14)*, *Lecture Notes in Comput. Sci.*, 8486: 60–69, 2014. doi:10.1007/978-3-319-07566-2_7.

- [C13] Alessandro De Luca, Gabriele Fici: Open and Closed Prefixes of Sturmian Words. In: *Proc. of the 9th International Conference on Words (WORDS '13). Lecture Notes in Comput. Sci.* 8079, 132–142, 2013. doi:10.1007/978-3-642-40579-2_15 (see [J24] for the journal version).
- [C12] Gabriele Fici, Alessio Langiu, Thierry Lecroq, Arnaud Lefebvre, Filippo Mignosi, Élise Prieur-Gaston: Abelian Repetitions in Sturmian Words. In *Proc. of the 17th International Conference on Developments in Language Theory (DLT '13). Lecture Notes in Comput. Sci.*, 7907: 227–238, 2013. doi:10.1007/978-3-642-38771-5_21 (see [J19] for the journal version).
- [C11] Gabriele Fici: A Characterization of Bispecial Sturmian Words. In: *Proc. of the International Conference on Mathematical Foundations of Computer Science (MFCS '12). Lecture Notes in Comput. Sci.* 7464: 383–394, 2012. doi:10.1007/978-3-642-32589-2_35 (see [J14] for the journal version).
- [C10] Gabriele Fici, Francesca Fiorenzi: Topological Properties of Cellular Automata on Trees. In: *Proc. of the 18th International Workshop on Cellular Automata and Discrete Complex Systems & 3rd International Symposium Journées Automates Cellulaires (AUTOMATA&JAC '12). Electron. Proc. Theor. Comput. Sci.* 90: 255–266, 2012. doi:10.4204/EPTCS.90.20.
- [C9] Gabriele Fici, Thierry Lecroq, Arnaud Lefebvre, Élise Prieur-Gaston, William F. Smyth: Quasi-Linear Time Computation of the Abelian Periods of a Word. In: *Proc. of the Prague Stringology Conference (PSC '12)*, pp. 103–110, 2012. www.stringology.org/event/2012/p10.html (see [J20] for the journal version).
- [C8] Gabriele Fici, Luca Q. Zamboni: On the Least Number of Palindromes in an Infinite Word. In: *Proc. of the Second Russian Finnish Symposium on Discrete Mathematics (RuFiDiM '12). TUCS Lecture Notes* 17: 63–70, 2012. (see [J11] for the journal version).
- [C7] Gabriele Fici, Zsuzsanna Lipták: On Prefix Normal Words. In: *Proc. of the 15th Conference on Developments in Language Theory (DLT '11). Lecture Notes in Comput. Sci.* 6795: 228–238, 2011. doi:10.1007/978-3-642-22321-1_20 (see [J23] for the journal version).
- [C6] Gabriele Fici, Thierry Lecroq, Arnaud Lefebvre, Élise Prieur-Gaston: Computing Abelian Periods in Words. In: *Proc. of the Prague Stringology Conference (PSC '11)*, pp. 184–196, 2011. www.stringology.org/event/2011/p16.html (see [J13] for the journal version).
- [C5] Gabriele Fici: A Classification of Trapezoidal Words. In: *Proc. of the 8th International Conference on Words (WORDS '11). Electron. Proc. Theor. Comput. Sci.* 63: 129–137, 2011. doi:10.4204/EPTCS.63.18 (see [J10] for the journal version).
- [C4] Péter Burcsi, Ferdinando Cicalese, Gabriele Fici, Zsuzsanna Lipták: On Table Arrangements, Scrabble Freaks, and Jumbled Pattern Matching. In: *Proc. of the 5th International Conference on Fun with Algorithms (FUN '10). Lecture Notes in Comput. Sci.* 6099: 89–101, 2010. doi:10.1007/978-3-642-13122-6_11 (see [J9] for the journal version).
- [C3] Ferdinando Cicalese, Gabriele Fici, Zsuzsanna Lipták: Searching for Jumbled Patterns in Strings. In: *Proc. of the Prague Stringology Conference (PSC '09)*, pp. 105–117, 2009. www.stringology.org/event/2009/p10.html (see [J8] for the journal version).
- [C2] Gabriele Fici: Combinatorics of Finite Words and Suffix Automata. In: *Proc. of the 3rd International Conference on Algebraic Informatics (CAI '09). Lecture Notes in Comput. Sci.* 5725: 250–259, 2009. doi:10.1007/978-3-642-03564-7_16 (see [J6] for the journal version).
- [C1] Clelia De Felice, Gabriele Fici, Rosalba Zizza: Marked Systems and Circular Splicing. In: *Proc. of the 16th International Symposium on Fundamentals of Computation Theory (FCT '07). Lecture Notes in Comput. Sci.* 4639: 238–249, 2007. doi:10.1007/978-3-540-74240-1_21 (see [J3] for the journal version).

Prefaces, Abstracts, Reports and Theses

- [M20] Alessandro De Luca, Gabriele Fici: Lie Complexity of Sturmian Words (extended abstract). In: *Proc. of the 18th Mons Days of Theoretical Computer Science*, 2018.

- [M19] Gabriele Fici, Giuseppe F. Italiano: In memoriam Danny Breslauer (1968-2017), Preface. *Theoret. Comput. Sci.* 812: 1, 2020. [doi:10.1016/j.tcs.2020.02.019](https://doi.org/10.1016/j.tcs.2020.02.019).
- [M18] Clelia De Felice, Gabriele Fici, Antonio Restivo: Obituary: Aldo de Luca (1941 – 2018). *Bull. Eur. Assoc. Theor. Comput. Sci.* 127: 1, 2019.
- [M17] Gabriele Fici, Mickael Postic, Manuel Silva: Abelian Anti-Powers in Infinite Words (extended abstract). In: *Proc. of the 17th Mons Days of Theoretical Computer Science*, 2018.
- [M16] Gabriele Fici, Antonio Restivo, Manuel Silva, Luca Q. Zamboni: Anti-Powers in Infinite Words (extended abstract). In: *Proc. of the 16th Mons Days of Theoretical Computer Science*, 2016.
- [M15] Gabriele Fici: On Some Combinatorial and Algorithmic Aspects of Strings. *Habilitation à Diriger des Recherches. Université Paris-Est Marne-la-Vallée*, 2015.
- [M14] Gabriele Fici, Tomasz Kociumaka, Thierry Lecroq, Arnaud Lefebvre, Élise Prieur-Gaston: Fast Computation of Abelian Runs (extended abstract). In: *Proc. of String Algorithms for Bioinformatics (SeqBio '15)*, 2015.
- [M13] Gabriele Fici: On the maximum number of abelian squares in a word. In: *Combinatorics and Algorithmics of Strings (Dagstuhl Seminar 14111)*, volume 4(3) of Dagstuhl Reports, page 35. Schloss Dagstuhl – Leibniz-Zentrum fuer Informatik, 2014. [doi:10.4230/DagRep.4.3.28](https://doi.org/10.4230/DagRep.4.3.28).
- [M12] Gabriele Fici, Aleksi Saarela: On the minimum number of abelian squares in a word. In: *Combinatorics and Algorithmics of Strings (Dagstuhl Seminar 14111)*, volume 4(3) of Dagstuhl Reports, page 34. Schloss Dagstuhl – Leibniz-Zentrum fuer Informatik, 2014. [doi:10.4230/DagRep.4.3.28](https://doi.org/10.4230/DagRep.4.3.28).
- [M11] Gabriele Fici, Alessio Langiu, Thierry Lecroq, Arnaud Lefebvre, Filippo Mignosi, Élise Prieur-Gaston: Abelian Repetitions in Sturmian Words (extended abstract). In: *Proc. of String Algorithms for Bioinformatics (SeqBio '13)*, 2013.
- [M10] Gabriele Fici, Zsuzsanna Lipták: Words with the Smallest Number of Closed Factors (extended abstract). In: *Proc. of the 13th Italian Conference on Theoretical Computer Science (ICTCS '12)*, 2012.
- [M9] Gabriele Fici: A Characterization of Bispecial Sturmian Words (extended abstract). In: *Proc. of the 13th Italian Conference on Theoretical Computer Science (ICTCS '12)*, 2012.
- [M8] Gabriele Fici, Zsuzsanna Lipták: Words with the Smallest Number of Closed Factors. In: *Proc. of the 14th Mons Days of Theoretical Computer Science*, 2012.
- [M7] Jean-Marc Fédou, Gabriele Fici: Vertical Representation of Smooth Factors. In: *Proc. of the International Conference for the 20th anniversary of LaCIM*, 2010. (see [J16] for the journal version).
- [M6] Gabriele Fici: Factor Automata and Special Factors. In: *Proc. of the 13th Mons Days of Theoretical Computer Science*, 2010. (see [J6] for the journal version).
- [M5] Gabriele Fici, Elena V. Pribavkina, Jacques Sakarovitch: On the Minimal Uncompletable Word Problem, 2010. [arXiv:1002.1928](https://arxiv.org/abs/1002.1928).
- [M4] Clelia De Felice, Gabriele Fici, Rosalba Zizza: Marked Systems and Circular Splicing (extended abstract). In: *Proc. of the 1st International Conference “Automata: from Mathematics to Applications”, AutoMathA '07*, 2007.
- [M3] Gabriele Fici: Minimal Forbidden Words and Applications (abstract). *Bull. Eur. Assoc. Theor. Comput. Sci. EATCS* 90: 242–244, 2006.
- [M2] Gabriele Fici: Minimal Forbidden Words and Applications. *Ph.D. thesis. Université de Marne-la-Vallée (France) and Università di Palermo (Italy)*, 2006. tel.archives-ouvertes.fr/tel-00628628.
- [M1] Gabriele Fici, Filippo Mignosi, Antonio Restivo, Marinella Sciortino: Fragment Assembly through Minimal Forbidden Words. In: *Proc. of the 10th Mons Days of Theoretical Computer Science*, ULg Report 04.006, pp. 169–179, 2004. (see [J2] for the journal version).