

List of Papers

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- [1] S. Mochizuki, The Geometry of the Compactification of the Hurwitz Scheme, *Publ. Res. Inst. Math. Sci.* **31** (1995), pp. 355-441.
- [2] S. Mochizuki, On Semi-Positivity and Filtered Frobenius Crystals, *Publ. Res. Inst. Math. Sci.* **31** (1995), pp. 81-94.
- [3] S. Mochizuki, Correspondences on Hyperbolic Curves, *Journ. Pure Appl. Algebra* **131** (1998), pp. 227-244.
- [4] S. Mochizuki, Extending Families of Curves over Log Regular Schemes, *J. reine angew. Math.* **511** (1999), pp. 43-71.
- [5] S. Mochizuki, Noncritical Belyi Maps, *Math. J. Okayama Univ.* **46** (2004), pp. 105-113.
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Intrinsic Hodge Theory :

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- [2] S. Mochizuki, The intrinsic Hodge theory of hyperbolic curves, *Number Theory and Related Topics (Seoul 1998)*, Yonsei Univ. Inst. Math. Sci. (2000), pp. 1-27.
- [3] S. Mochizuki, The intrinsic Hodge theory of p -adic hyperbolic curves, *Taniguchi Conference on Mathematics, Nara '98*, *Adv. Stud. Pure Math.* **31** (2001), Math. Soc. Japan, pp. 211-233.

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- [2] S. Mochizuki, *Foundations of p -adic Teichmüller Theory*, AMS/IP Studies in Advanced Mathematics **11**, American Mathematical Society/International Press (1999).
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- [2] S. Mochizuki, A Version of the Grothendieck Conjecture for p -adic Local Fields, *The International Journal of Math.* **8** (1997), pp. 499-506.
- [3] S. Mochizuki, The Local Pro- p Anabelian Geometry of Curves, *Invent. Math.* **138** (1999), pp. 319-423.
- [4] S. Mochizuki, H. Nakamura, A. Tamagawa, The Grothendieck conjecture on the fundamental groups of algebraic curves, *Sugaku Expositions* **14** (2001), pp. 31-53.
- [5] S. Mochizuki, The Absolute Anabelian Geometry of Hyperbolic Curves, *Galois Theory and Modular Forms*, Kluwer Academic Publishers (2004), pp. 77-122.
- [6] S. Mochizuki, The Absolute Anabelian Geometry of Canonical Curves, *Kazuya Kato's fiftieth birthday, Doc. Math. 2003, Extra Vol.*, pp. 609-640.
- [7] S. Mochizuki, Topics Surrounding the Anabelian Geometry of Hyperbolic Curves, *Galois Groups and Fundamental Groups, Mathematical Sciences Research Institute Publications* **41**, Cambridge University Press (2003), pp. 119-165.
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- [9] S. Mochizuki, Categorical representation of locally noetherian log schemes, *Adv. Math.* **188** (2004), pp. 222-246.
- [10] S. Mochizuki, Categories of log schemes with archimedean structures, *J. Math. Kyoto Univ.* **44** (2004), pp. 891-909.
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- [12] S. Mochizuki, Galois Sections in Absolute Anabelian Geometry, *Nagoya Math. J.* **179** (2005), pp. 17-45.
- [13] S. Mochizuki, A combinatorial version of the Grothendieck conjecture, *Tohoku Math. J.* **59** (2007), pp. 455-479.
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- [15] S. Mochizuki, Absolute anabelian cuspidalizations of proper hyperbolic curves, *J. Math. Kyoto Univ.* **47** (2007), pp. 451-539.
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- [17] S. Mochizuki, The Geometry of Frobenioids II: Poly-Frobenioids, *Kyushu J. Math.* **62** (2008), pp. 401-460.
- [18] S. Mochizuki, Global Solvably Closed Anabelian Geometry, *Math. J. Okayama Univ.* **48** (2006), pp. 57-71.
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- [1] S. Mochizuki, *The Hodge-Arakelov Theory of Elliptic Curves: Global Discretization of Local Hodge Theories*, RIMS Preprint **1255**, **1256** (October 1999).
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