

Franc Forstnerič: List of publications (2024)

1. F. FORSTNERIČ: Proper holomorphic mappings in several complex variables. Thesis (Ph. D.), University of Washington, Seattle (1985). 149 pp., ProQuest LLC, Thesis.
2. F. FORSTNERIČ: Embedding strictly pseudoconvex domains into balls. *Trans. Amer. Math. Soc.* **295:1** (1986) 347–368. <http://www.ams.org/journals/tran/1986-295-01/>
3. F. FORSTNERIČ: On the boundary regularity of proper holomorphic mappings. *Ann. Sc. Norm. Sup. Pisa Cl. Sci. (4)* **13:1** (1986) 109–128. http://www.numdam.org/item?id=ASNSP_1986_4_13_1_109_0
4. F. FORSTNERIČ: Stability of polynomial convexity of totally real sets. *Proc. Amer. Math. Soc.* **96:3** (1986) 489–494. <http://www.jstor.org/stable/2046601>
5. F. FORSTNERIČ: Analytic discs with boundaries in a maximal real submanifold of \mathbb{C}^2 . *Ann. Inst. Fourier* **37:1** (1987) 1–44. <https://eudml.org/doc/74744>
6. F. FORSTNERIČ: Proper holomorphic maps from balls. *Duke Math. J.* **53:2** (1986) 427–441. <http://projecteuclid.org/euclid.dmj/1077305051>
7. F. FORSTNERIČ: Some totally real embeddings of three-manifolds. *Manuscripta Math.* **55:1** (1986) 1–7. <http://link.springer.com/article/10.1007/BF01168610>
8. F. FORSTNERIČ: On totally real embeddings into \mathbb{C}^n . *Exposition. Math.* **4:3** (1986) 243–255
9. F. FORSTNERIČ: Polynomially convex hulls with piecewise smooth boundaries. *Math. Ann.* **276:1** (1986) 97–104. <https://eudml.org/doc/164187>
10. F. FORSTNERIČ AND J.-P. ROSAY: Localization of the Kobayashi metric and the boundary continuity of proper holomorphic mappings. *Math. Ann.* **279:2** (1987) 239–252. <https://eudml.org/doc/164320>
11. F. FORSTNERIČ: Polynomial hulls of sets fibered over the circle. *Indiana Univ. Math. J.* **37:4** (1988) 869–889. <http://www.iuj.indiana.edu/docs/37042/37042.asp>
12. F. FORSTNERIČ: Regularity of varieties in strictly pseudoconvex domains. *Publ. Mat.* **32:1** (1988) 145–150. <http://www.jstor.org/stable/43737109>
13. F. FORSTNERIČ: Extending proper holomorphic mappings of positive codimension. *Invent. Math.* **95:1** (1989) 31–62. <https://eudml.org/doc/143645>
14. F. FORSTNERIČ: A totally real three-sphere in \mathbb{C}^3 bounding a family of analytic discs. *Proc. Amer. Math. Soc.* **108:4** (1990) 887–892. <https://www.jstor.org/stable/2047942>
15. F. FORSTNERIČ: Mappings of strongly pseudoconvex Cauchy-Riemann manifolds. In: *Several complex variables and complex geometry*, Santa Cruz, 1989. *Proc. Symp. Pure Math.*, **52**, Part 1, pp. 59–92. Amer. Math. Soc., Providence, 1991. <http://www.ams.org/books/pspum/052.2/pspum052.2-endmatter.pdf>
16. F. FORSTNERIČ AND E. L. STOUT: A new class of polynomially convex sets in \mathbb{C}^2 . *Arkiv Mat.* **29:1** (1991) 51–62. <http://link.springer.com/article/10.1007/2FBF02384330>
17. F. FORSTNERIČ: Mappings of quadric Cauchy-Riemann manifolds. *Math. Ann.* **292:1** (1992) 163–180. <https://eudml.org/doc/164908>
18. F. FORSTNERIČ: An elementary proof of Fefferman’s theorem. *Exposition. Math.* **10:2** (1992) 135–150
19. F. FORSTNERIČ: Admissible boundary values of bounded holomorphic functions in wedges. *Trans. Amer. Math. Soc.* **332:2** (1992) 583–593. <https://www.jstor.org/stable/2154185>
20. F. FORSTNERIČ: Complex tangents of real surfaces in complex surfaces. *Duke Math. J.* **67:2** (1992) 353–376. <https://projecteuclid.org/euclid.dmj/1077294407>
21. F. FORSTNERIČ AND J. GLOBEVNIK: Discs in pseudoconvex domains. *Comment. Math. Helv.* **67:1** (1992) 129–145. <https://eudml.org/doc/140261>
22. F. FORSTNERIČ: A smooth holomorphically convex disc in \mathbb{C}^2 that is not locally rationally convex. *Proc. Amer. Math. Soc.* **116:2** (1992) 411–415. <http://www.jstor.org/stable/2159747>

23. F. FORSTNERIČ: The length of a set in the sphere whose polynomial hull contains the origin. *Indag. Math. (N.S.)* **3:2** (1992) 169–172. <http://www.sciencedirect.com/science/article/pii/0019357792900045>
24. F. FORSTNERIČ: Intersections of analytic and smooth discs. In: *The Madison Symposium on Complex Analysis*, Madison, Wisconsin, 1991, pp. 235–244. *Contemp. Math.* **137**, Amer. Math. Soc., Providence, 1992. <https://www.google.si/search?hl=sl&tbo=p&tbm=bks&q=isbn:0821851470>
25. F. FORSTNERIČ: Proper holomorphic mappings: a survey. In: *Several complex variables*, Mittag-Leffler Institute, Stockholm, 1987/88, pp. 297–363. *Math. Notes* **38**, Princeton Univ. Press, Princeton (1993)
26. T. DUCHAMP AND F. FORSTNERIČ: Intersections of totally real and holomorphic discs. *Publ. Mat.* **37**(1) (1993) 3–17. <https://www.jstor.org/stable/43736434>
27. F. FORSTNERIČ AND J.-P. ROSAY: Approximation of biholomorphic mappings by automorphisms of \mathbb{C}^n . *Invent. Math.* **112:2** (1993) 323–349. <http://link.springer.com/article/10.1007%2FBF01232438>
Erratum: *Invent. Math.* **118:3** (1994) 573–574. <http://link.springer.com/article/10.1007/BF01231544>
28. F. FORSTNERIČ: A reflection principle on strongly pseudoconvex domains with generic corners. *Math. Z.* **213:1** (1993) 49–64. <http://link.springer.com/article/10.1007%2FBF03025708>
29. F. FORSTNERIČ: Complements of Runge domains and holomorphic hulls. *Michigan Math. J.* **41:2** (1994) 297–308. <https://projecteuclid.org/euclid.mmj/1029004997>
30. F. FORSTNERIČ: Approximation by automorphisms on smooth submanifolds of \mathbb{C}^n . *Math. Ann.* **300:4** (1994) 719–738. <http://link.springer.com/article/10.1007%2FBF01450512>
31. F. FORSTNERIČ: A theorem in complex symplectic geometry. *J. Geom. Anal.* **5:3** (1995) 379–393. <http://link.springer.com/article/10.1007%2FBF02921802>
32. F. FORSTNERIČ: Equivalence of real submanifolds under volume preserving holomorphic automorphisms of \mathbb{C}^n . *Duke Math. J.* **77:2** (1995) 431–445. <http://projecteuclid.org/euclid.dmj/1077286348>
33. F. FORSTNERIČ: Limits of complete holomorphic vector fields. *Math. Res. Lett.* **2:4** (1995) 401–414. <http://dx.doi.org/10.4310/MRL.1995.v2.n4.a3>
34. P. AHERN AND F. FORSTNERIČ: One parameter automorphism groups on \mathbb{C}^2 . *Complex Variables Theory Appl.* **27:3** (1995) 245–268. <http://www.tandfonline.com/doi/abs/10.1080/17476939508814821>
35. F. FORSTNERIČ: Actions of $(\mathbb{R}, +)$ and $(\mathbb{C}, +)$ on complex manifolds. *Math. Z.* **223:1** (1996) 123–153. <http://link.springer.com/article/10.1007%2FBF00004552>
36. F. FORSTNERIČ: Holomorphic automorphism groups of \mathbb{C}^n : A survey. In: *Complex Analysis and Geometry*, Trento, 1993, pp. 173–199. *Lecture Notes in Pure and Appl. Math.*, 173. Marcel Dekker, New York, 1996
37. P. AHERN, F. FORSTNERIČ, AND D. VAROLIN: Flows on \mathbb{C}^2 with polynomial time one map. *Complex Variables Theory Appl.* **29:4** (1996) 363–366. <http://www.tandfonline.com/doi/abs/10.1080/17476939608814903>
38. F. FORSTNERIČ, J. GLOBEVNIK, AND J.-P. ROSAY: Non straightenable complex lines in \mathbb{C}^2 . *Ark. Mat.* **34:1** (1996) 97–101. <http://link.springer.com/article/10.1007%2FBF02559509>
39. F. FORSTNERIČ, J. GLOBEVNIK, AND B. STENSØNES: Embedding holomorphic discs through discrete sets. *Math. Ann.* **305:3** (1996) 559–569. <http://link.springer.com/article/10.1007%2FBF01444237>
40. F. FORSTNERIČ AND E. LÖW: Holomorphic equivalence of smooth submanifolds in \mathbb{C}^n . *Indiana Univ. Math. J.* **46:1** (1997) 133–153. <http://www.iuj.indiana.edu/IUMJ/fulltext.php?artid=1348&year=1997&volume=46>
41. G. BUZZARD AND F. FORSTNERIČ: A Carleman type theorem for proper holomorphic embeddings. *Ark. Mat.* **35:1** (1997) 157–169. <http://link.springer.com/article/10.1007%2FBF02559596>
42. F. FORSTNERIČ: Interpolation by holomorphic automorphisms and embeddings in \mathbb{C}^n . *J. Geom. Anal.* **9:1** (1999) 93–118. <http://link.springer.com/article/10.1007%2FBF02923090>

43. G. BUZZARD AND F. FORSTNERIČ: An interpolation theorem for holomorphic automorphisms of \mathbb{C}^n . *J. Geom. Anal.* **10:1** (2000) 101–108. <http://link.springer.com/article/10.1007%2F02921807>
44. F. FORSTNERIČ AND J. PREZELJ: Oka's principle for holomorphic fiber bundles with sprays. *Math. Ann.* **317:1** (2000) 117–154. <http://link.springer.com/article/10.1007%2Fs002080050361>
45. F. FORSTNERIČ, E. LÖW, AND N. ØVRELID: Solving the d and $\bar{\partial}$ -equations in thin tubes and applications to mappings. *Michigan Math. J.* **49:2** (2001) 369–416. <http://projecteuclid.org/euclid.mmj/1008719779>. <http://www.arxiv.org/abs/math/0003149>
46. F. FORSTNERIČ AND J. PREZELJ: Extending holomorphic sections from complex subvarieties. *Math. Z.* **236:1** (2001) 43–68. <http://link.springer.com/article/10.1007%2FPL00004826>. <http://www.arxiv.org/abs/math/0101034>
47. F. FORSTNERIČ: On complete intersections. *Ann. Inst. Fourier* **51:2** (2001) 497–512. http://aif.cedram.org/item?id=AIF_2001__51_2_497_0. <http://www.arxiv.org/abs/math/0101033>
48. F. FORSTNERIČ AND J. GLOBEVNIK: Proper holomorphic discs in \mathbb{C}^2 . *Math. Res. Lett.* **8:3** (2001) 257–274. <http://dx.doi.org/10.4310/MRL.2001.v8.n3.a3>. <http://www.arxiv.org/abs/math/0101032>
49. F. FORSTNERIČ: The Oka principle, lifting of holomorphic maps and removability of intersections. In: *Proc. of Hayama Symposium on Several Complex Variables, 2000*, pp. 49–59. Japan, 2001. <http://www.arxiv.org/abs/math/0101238>
50. F. FORSTNERIČ AND J. PREZELJ: Oka's principle for holomorphic submersions with sprays. *Math. Ann.* **322:4** (2002) 633–666. <http://link.springer.com/article/10.1007%2Fs002080100249>. <http://www.arxiv.org/abs/math/0101040>
51. M. ČERNE AND F. FORSTNERIČ: Embedding some bordered Riemann surfaces in the affine plane. *Math. Res. Lett.* **9:5** (2002) 683–696. <http://dx.doi.org/10.4310/MRL.2002.v9.n5.a10>. <http://www.arxiv.org/abs/math/0101058>
52. F. FORSTNERIČ: The Oka principle for sections of subelliptic submersions. *Math. Z.* **241:3** (2002) 527–551. <http://link.springer.com/article/10.1007%2Fs00209-002-0429-3>. <http://www.arxiv.org/abs/math/0110201>
53. F. FORSTNERIČ: The Oka principle for multivalued sections of ramified mappings. *Forum Math.* **15:2** (2003) 309–328. <https://www.degruyter.com/view/j/form.2003.15.issue-2/form.2003.018/form.2003.018.xml>. <http://www.arxiv.org/abs/math/0107039>
54. F. FORSTNERIČ: Stein domains in complex surfaces. *J. Geom. Anal.* **13:1** (2003) 77–94. <http://link.springer.com/article/10.1007%2F02930998>. <http://www.arxiv.org/abs/math/0201097>
55. F. FORSTNERIČ: Noncritical holomorphic functions on Stein manifolds. *Acta Math.* **191:2** (2003) 143–189. <http://link.springer.com/article/10.1007%2F0292963>. <http://www.arxiv.org/abs/math/0211112>
56. F. FORSTNERIČ: The homotopy principle in complex analysis: A survey. In: *Explorations in complex and Riemannian geometry*, pp. 73–99. *Contemp. Math.*, 332, Amer. Math. Soc., Providence, 2003. <http://dx.doi.org/10.1090/conm/332>. <http://www.arxiv.org/abs/math/0301067>
57. F. FORSTNERIČ AND J. KOZAK: Strongly pseudoconvex handlebodies. *J. Korean Math. Soc.* **40:4** (2003) 727–745. http://koreascience.or.kr/article/ArticleFullRecord.jsp?cn=DBSHBB_2003_v40n4_727. <http://www.arxiv.org/abs/math/0305237>
58. F. FORSTNERIČ: Holomorphic submersions from Stein manifolds. *Ann. Inst. Fourier* **54:6** (2004) 1913–1942. http://aif.cedram.org/item?id=AIF_2004__54_6_1913_0. <http://www.arxiv.org/abs/math/0309093>
59. F. FORSTNERIČ: Most real analytic Cauchy-Riemann manifolds are nonalgebraizable. *Manuscripta Math.* **115:4** (2004) 489–494. <http://link.springer.com/article/10.1007%2Fs00229-004-0507-4>. <http://www.arxiv.org/abs/math/0406210>

60. F. FORSTNERIČ: Extending holomorphic mappings from subvarieties in Stein manifolds. *Ann. Inst. Fourier* **55:3** (2005) 733–751. http://aif.cedram.org/item?id=AIF_2005__55_3_733_0. <http://www.arxiv.org/abs/math/0411048>
61. F. FORSTNERIČ AND J. WINKELMANN: Holomorphic discs with dense images. *Math. Res. Lett.* **12:2** (2005) 265–268. <http://dx.doi.org/10.4310/MRL.2005.v12.n2.a11>. <http://www.arxiv.org/abs/math/0410390>
62. F. FORSTNERIČ: Runge approximation on convex sets implies Oka’s property. *Ann. of Math.* **163:2** (2006) 689–707. <http://annals.math.princeton.edu/2006/163-2/p09>. <http://www.arxiv.org/abs/math/0402278>
63. F. FORSTNERIČ: Holomorphic flexibility properties of complex manifolds. *Amer. J. Math.* **128:1** (2006) 239–270. <http://muse.jhu.edu/article/192502/pdf>. <http://www.arxiv.org/abs/math/0401439>
64. F. FORSTNERIČ: A contractible Levi-flat hypersurface in \mathbb{C}^2 which is a determining set for pluriharmonic functions. *Ark. Math.* **44:1** (2006), 87–91. <http://dx.doi.org/10.1007/s11512-005-0007-0>. <http://www.arxiv.org/abs/math/0406572>
65. F. FORSTNERIČ AND M. SLAPAR: Stein structures and holomorphic mappings. *Math. Z.* **256:3** (2007) 615–646. <http://dx.doi.org/10.1007/s00209-006-0093-0>. <http://www.arxiv.org/abs/math/0507212>
66. F. FORSTNERIČ AND M. SLAPAR: Deformations of Stein structures and extensions of holomorphic mappings. *Math. Res. Lett.* **14:2** (2007) 343–357. <http://intlpress.com/site/pub/pages/journals/items/mrl/content/vols/0014/0002/a015/index.html>. <http://www.arxiv.org/abs/math/0509419>
67. F. FORSTNERIČ, B. IVARSSON, F. KUTZSCHEBAUCH, AND J. PREZELJ: An interpolation theorem for proper holomorphic embeddings. *Math. Ann.* **338:3** (2007) 545–554. <http://link.springer.com/article/10.1007%2Fs00208-007-0087-1>. <http://www.arxiv.org/abs/math/0511122>
68. B. DRINOVEC DRNOVŠEK AND F. FORSTNERIČ: Holomorphic curves in complex spaces. *Duke Math. J.* **139:2** (2007) 203–254. <http://projecteuclid.org/euclid.dmj/1185891823>. <http://www.arxiv.org/abs/math/0604118>
69. F. FORSTNERIČ: Manifolds of holomorphic mappings from strongly pseudoconvex domains. *Asian J. Math.* **11:1** (2007) 113–126. <http://dx.doi.org/10.4310/AJM.2007.v11.n1.a11>. <http://www.arxiv.org/abs/math/0609706>
70. B. DRINOVEC DRNOVŠEK AND F. FORSTNERIČ: Approximation of holomorphic mappings on strongly pseudoconvex domains. *Forum Math.* **20:5** (2008) 817–840. <http://dx.doi.org/10.1515/FORUM.2008.039>. <http://www.arxiv.org/abs/math/0607185>
71. F. FORSTNERIČ AND C. LAURENT–THIÉBAUT: Stein compacts in Levi-flat hypersurfaces. *Trans. Amer. Math. Soc.* **360:1** (2008) 307–329. <http://www.ams.org/journals/tran/2008-360-01/S0002-9947-07-04263-8/S0002-9947-07-04263-8.pdf>. <http://www.arxiv.org/abs/math/0410386>
72. F. FORSTNERIČ: Oka Manifolds. *C. R. Acad. Sci. Paris* **347:17-18** (2009) 1017–1020. <http://dx.doi.org/10.1016/j.crma.2009.07.005>. <http://www.arxiv.org/abs/math/0906.2421>
73. F. FORSTNERIČ AND E. F. WOLD: Bordered Riemann surfaces in \mathbb{C}^2 . *J. Math. Pures Appl.* **91:1** (2009) 100–114. <http://dx.doi.org/10.1016/j.matpur.2008.09.010>. <http://www.arxiv.org/abs/0708.2887>
74. F. FORSTNERIČ: The Oka principle for sections of stratified fiber bundles. *Pure Appl. Math. Quarterly* (Special Issue in honor of Joseph J. Kohn), **6:3** (2010) 843–874. <http://dx.doi.org/10.4310/PAMQ.2010.v6.n3.a11>. <http://www.arxiv.org/abs/0705.0591>
75. B. DRINOVEC DRNOVŠEK AND F. FORSTNERIČ: Strongly pseudoconvex Stein domains as subvarieties of complex manifolds. *Amer. J. Math.* **132:2** (2010) 331–360. <http://dx.doi.org/10.1353/ajm.0.0106>. <http://www.arxiv.org/abs/0708.2155>
76. F. FORSTNERIČ: Invariance of the parametric Oka property. In: P. Ebenfelt, N. Hungerbuehler, J. J. Kohn, N. Mok, E. J. Straube, eds., *Complex Analysis*, pp. 125–143. Trends in Math., Birkhäuser, Basel,

2010. http://link.springer.com/chapter/10.1007%2F978-3-0346-0009-5_7. <http://www.arxiv.org/abs/0901.4373>
77. F. FORSTNERIČ AND E. F. WOLD: Fibrations and Stein Neighborhoods. *Proc. Amer. Math. Soc.* **138:6** (2010) 2037–2042. <http://www.ams.org/journals/proc/2010-138-06/S0002-9939-09-10223-X/home.html>. <http://www.arxiv.org/abs/0906.2424>
78. F. FORSTNERIČ: Oka Maps. *C. R. Acad. Sci. Paris* **348:3-4** (2010) 145–148. <http://dx.doi.org/10.1016/j.crma.2009.12.004>. <http://www.arxiv.org/abs/0911.3439>
79. F. FORSTNERIČ: Abelova nagrada 2009 Mikhaelu Gromovu. *Obz. mat. fiz.* **57:2** (2010) 41–52
80. F. FORSTNERIČ AND F. LÁRUSSON: Survey of Oka theory. *New York J. Math.* **17a** (2011) 1–28. <http://nyjm.albany.edu/j/2011/17a-2.html>. <http://www.arxiv.org/abs/1009.1934>
81. F. FORSTNERIČ: Stein Manifolds and Holomorphic Mappings (The Homotopy Principle in Complex Analysis). *Ergebnisse der Mathematik und ihrer Grenzgebiete, 3. Folge, 56*. Springer-Verlag, Heidelberg, 2011. <http://www.springer.com/mathematics/analysis/book/978-3-642-22249-8>
82. F. FORSTNERIČ: Holomorphic families of long \mathbb{C}^2 's. *Proc. Amer. Math. Soc.* **140:7** (2012) 2383–2389. <http://www.ams.org/journals/proc/2012-140-07/S0002-9939-2011-11092-X>. <http://www.arxiv.org/abs/1101.3299>
83. B. DRINOVEC DRNOVŠEK AND F. FORSTNERIČ: Disc functionals and Siciak-Zaharyuta extremal functions on singular varieties. *Ann. Polon. Math.* **106** (2012) 171–191. <http://dx.doi.org/10.4064/ap106-0-13>. <http://www.arxiv.org/abs/1109.3947>
84. F. FORSTNERIČ AND F. LÁRUSSON: Holomorphic flexibility properties of compact complex surfaces. *Int. Math. Res. Not.* **2014:13** (2014) 3714–3734. <http://dx.doi.org/10.1093/imrn/rnt044>. <http://www.arxiv.org/abs/1207.4838>
85. A. ALARCÓN AND F. FORSTNERIČ: Every bordered Riemann surface is a complete proper curve in a ball. *Math. Ann.* **357:3** (2013) 1049–1070. <http://link.springer.com/article/10.1007/s00208-013-0931-4>. <http://www.arxiv.org/abs/1207.5634>
86. B. DRINOVEC DRNOVŠEK AND F. FORSTNERIČ: The Poletsky-Rosay theorem on singular complex spaces. *Indiana Univ. Math. J.* **61:4** (2012) 1707–1423. <http://www.iumj.indiana.edu/oai/2012/61/4686/4686.xml>. <http://www.arxiv.org/abs/1104.3968>
87. F. FORSTNERIČ AND T. OHSAWA: Gunning-Narasimhan's theorem with a growth condition *J. Geom. Anal.* **23:3** (2013) 1078–1084. <http://dx.doi.org/10.1007/s12220-011-9274-0>. <http://www.arxiv.org/abs/1106.0936>
88. F. FORSTNERIČ AND E. F. WOLD: Embeddings of infinitely connected planar domains into \mathbb{C}^2 . *Anal. PDE* **6:2** (2013) 499–514. <http://dx.doi.org/10.2140/apde.2013.6.499>. <http://www.arxiv.org/abs/1110.5354>
89. B. DRINOVEC DRNOVŠEK AND F. FORSTNERIČ: Characterizations of projective hulls by analytic discs. *Illinois J. Math.* **56:1** (2012) 53–65 (2013). <http://projecteuclid.org/euclid.ijm/1380287459>. <http://www.arxiv.org/abs/1201.0653>
90. F. FORSTNERIČ: Oka manifolds: from Oka to Stein and back. With an appendix by F. Lárusson. *Ann. Fac. Sci. Toulouse Math.* **22:4** (2013) 747–809. http://afst.cedram.org/item?id=AFST_2013_6_22_4_747_0. <http://www.arxiv.org/abs/1211.6383>
91. F. FORSTNERIČ: A complex surface with a strongly plurisubharmonic function but without holomorphic functions. *J. Geom. Anal.* **25:1** (2015) 329–335. <http://dx.doi.org/10.1007/s12220-013-9430-9>. <http://www.arxiv.org/abs/1210.8121>
92. F. FORSTNERIČ: The Homotopy Principle in Complex Analysis. In: *A Few Snapshots from the Work of Mikhail Gromov* (H. Holden, R. Piene, Eds.), pp. 139–234. The Abel Prize 2008–2012, Springer-Verlag, Berlin-Heidelberg (2014). <http://www.springer.com/us/book/9783642394485>.

93. A. ALARCÓN AND F. FORSTNERIČ: Null curves and directed immersions of open Riemann surfaces. *Invent. Math.* **196:3** (2014) 733–771. <http://dx.doi.org/10.1007/s00222-013-0478-8>. <http://www.arxiv.org/abs/1210.5617>
94. F. FORSTNERIČ AND T. RITTER: Oka properties of ball complements. *Math. Z.* **277:1-2** (2014) 325–338. <http://link.springer.com/10.1007/s00209-013-1258-2>. <http://www.arxiv.org/abs/1303.2239>
95. A. ALARCÓN AND F. FORSTNERIČ: The Calabi-Yau problem, null curves, and Bryant surfaces. *Math. Ann.* **363:3-4** (2015) 913–951. <http://link.springer.com/article/10.1007/s00208-015-1189-9>. <http://www.arxiv.org/abs/1308.0903>
96. A. ALARCÓN AND F. FORSTNERIČ: Null holomorphic curves in \mathbb{C}^3 and the conformal Calabi-Yau problem. In: *Complex Geometry and Dynamics (The Abel Symposium 2013, Fornæss, J. E., Irgens, M., Wold, E. F., Eds.)*, pp. 101–121. Springer, Cham, 2015. <http://link.springer.com/book/10.1007/978-3-319-20337-9>. <http://www.arxiv.org/abs/1311.1985>
97. R. ANDRIST, F. FORSTNERIČ, T. RITTER, AND E.F. WOLD: Proper holomorphic embeddings into Stein manifolds with the density property. *J. Anal. Math.* **130** (2016) 135–150. <http://link.springer.com/article/10.1007/s11854-016-0031-y>. <http://www.arxiv.org/abs/1309.6956>
98. F. FORSTNERIČ: Noncritical holomorphic functions on Stein spaces. *J. Eur. Math. Soc.* **18:11** (2016) 2511–2543. http://www.ems-ph.org/journals/show_abstract.php?issn=1435-9855&vol=18&iss=11&rank=4. <http://www.arxiv.org/abs/1311.1246>
99. F. FORSTNERIČ AND E. F. WOLD: Fatou-Bieberbach domains in $\mathbb{C}^n \setminus \mathbb{R}^k$. *Ark. Mat.* **53:2** (2015) 259–270. <http://link.springer.com/article/10.1007%2Fs11512-014-0209-4>. <http://www.arxiv.org/abs/1401.2841>
100. F. FORSTNERIČ AND F. LÁRUSSON: Oka properties of holomorphic automorphism groups of \mathbb{C}^n . *Math. Res. Lett.* **21:5** (2014) 1047–1067. <http://dx.doi.org/10.4310/MRL.2014.v21.n5.a7>. <http://www.arxiv.org/abs/1402.4342>
101. F. FORSTNERIČ, J. SMREKAR, AND A. SUKHOV: On Hodge conjecture for q -complete manifolds. *Geom. Topol.* **20:1** (2016) 353–388. <http://dx.doi.org/10.2140/gt.2016.20.353>. <http://www.arxiv.org/abs/1404.2225>
102. A. ALARCÓN AND F. FORSTNERIČ: Every conformal minimal surface in \mathbb{R}^3 is isotopic to the real part of a holomorphic null curve. *J. reine angew. Math. (Crelle's Journal)* **740** (2018) 77–109. <http://dx.doi.org/10.1515/crelle-2015-0069>. <http://www.arxiv.org/abs/1408.5315>
103. A. ALARCÓN, F. FORSTNERIČ, AND F. J. LÓPEZ: Embedded conformal minimal surfaces in \mathbb{R}^n . *Math. Z.* **283:1** (2016) 1–24. <http://dx.doi.org/10.1007/s00209-015-1586-5>. <http://www.arxiv.org/abs/1409.6901>
104. B. DRINOVEC DRNOVŠEK AND F. FORSTNERIČ: Minimal hulls of compact sets in \mathbb{R}^3 . *Trans. Amer. Math. Soc.* **368:10** (2016) 7477–7506. <http://dx.doi.org/10.1090/tran/6777>. <http://www.arxiv.org/abs/1409.6906>
105. A. ALARCÓN, B. DRINOVEC DRNOVŠEK, F. FORSTNERIČ, AND F. J. LÓPEZ: Every bordered Riemann surface is a complete conformal minimal surface bounded by Jordan curves. *Proc. London Math. Soc.* **111:4** (2015) 851–886. <https://academic.oup.com/plms/article/111/4/851/1522213/>. <http://www.arxiv.org/abs/1503.00775>
106. A. ALARCÓN, B. DRINOVEC DRNOVŠEK, F. FORSTNERIČ, AND F. J. LÓPEZ: Minimal surfaces in minimally convex domains. *Trans. Amer. Math. Soc.* **371:3** (2019) 1735–1770. <https://www.ams.org/journals/tran/2019-371-03/S0002-9947-2018-07331-7/home.html>. <http://www.arxiv.org/abs/1510.04006>
107. L. BOC THALER AND F. FORSTNERIČ: A long \mathbb{C}^2 without holomorphic functions. *Analysis & PDE* **9:8** (2016) 2031–2050. <http://dx.doi.org/10.2140/apde.2016.9.2031>. <http://www.arxiv.org/abs/1511.05075>

108. F. FORSTNERIČ AND F. LÁRUSSON: The parametric h-principle for minimal surfaces in \mathbb{R}^n and null curves in \mathbb{C}^n . *Comm. Anal. Geom.* **27:1** (2019) 1–45. <http://dx.doi.org/10.4310/CAG.2019.v27.n1.a1>. <http://www.arxiv.org/abs/1602.01529>
109. A. ALARCÓN, F. FORSTNERIČ, AND F. J. LÓPEZ: New complex analytic methods in the study of non-orientable minimal surfaces in \mathbb{R}^n . *Mem. Amer. Math. Soc.* **264:1283** (2020). <http://www.ams.org/books/memo/1283/>. <http://www.arxiv.org/abs/1603.01691>.
110. A. ALARCÓN, F. FORSTNERIČ, AND F. J. LÓPEZ: Every meromorphic function is the Gauss map of a conformal minimal surface. *J. Geom. Anal.* **29:4** (2019) 3011–3038. <http://link.springer.com/article/10.1007/s12220-017-9948-3> <http://www.arxiv.org/abs/1604.00514>
111. A. ALARCÓN, F. FORSTNERIČ, AND F. J. LÓPEZ: Holomorphic Legendrian curves. *Compositio Math.* **153:9** (2017) 1945–1986. <https://doi.org/10.1112/S0010437X1700731X>. <http://www.arxiv.org/abs/1607.00634>
112. F. FORSTNERIČ: Hyperbolic complex contact structures on \mathbb{C}^{2n+1} . *J. Geom. Anal.* **27:9** (2017) 3166–3175. <http://dx.doi.org/10.1007/s12220-017-9800-9>. <http://www.arxiv.org/abs/1607.05010>
113. F. FORSTNERIČ: Surjective holomorphic maps onto Oka manifolds. In: Angella D., Medori C., Tomassini A. (eds) *Complex and Symplectic Geometry*, pp. 73–84. Springer INdAM Series, Vol. 21. Springer, Cham, 2017. https://link.springer.com/chapter/10.1007%2F978-3-319-62914-8_6. <http://www.arxiv.org/abs/1610.05794>
114. F. FORSTNERIČ AND F. LÁRUSSON: The Oka principle for holomorphic Legendrian curves in \mathbb{C}^{2n+1} . *Math. Z.* **288:1-2** (2018) 643–663. <http://dx.doi.org/10.1007/s00209-017-1904-1>. <http://www.arxiv.org/abs/1611.01780>
115. A. ALARCÓN AND F. FORSTNERIČ: Darboux charts around holomorphic Legendrian curves and applications. *Internat. Math. Res. Not.* 2019:3 (2019) 893–922. <http://dx.doi.org/10.1093/imrn/rnx158>. <http://www.arxiv.org/abs/1702.00704>
116. A. ALARCÓN AND F. FORSTNERIČ: Complete densely embedded complex lines in \mathbb{C}^2 . *Proc. Amer. Math. Soc.* **146:3** (2018) 1059–1067. <http://www.ams.org/journals/proc/0000-000-00/S0002-9939-2017-13873-8/>. <http://www.arxiv.org/abs/1702.08032>
117. F. FORSTNERIČ: Proper holomorphic immersions into Stein manifolds with the density property. *J. Anal. Math.* **139:2** (2019) 585–596. <http://link.springer.com/article/10.1007/s11854-019-0068-9>. <http://www.arxiv.org/abs/1703.08594>
118. F. FORSTNERIČ: Stein manifolds and holomorphic mappings. The homotopy principle in complex analysis (2nd edn.). *Ergebnisse der Mathematik und ihrer Grenzgebiete. 3. Folge / A Series of Modern Surveys in Mathematics* 56. Springer, Cham, 2017. <http://www.springer.com/gp/book/9783319610573>
119. F. FORSTNERIČ: A properly embedded holomorphic disc in the ball with finite area and dense boundary curve. *Math. Ann.* **373:1-2** (2019) 719–742. <https://link.springer.com/article/10.1007/s00208-018-1686-8>. <http://www.arxiv.org/abs/1709.01028>
120. F. FORSTNERIČ: Divisors defined by noncritical functions. *Proc. Amer. Math. Soc.* **146:7** (2018) 2985–2994. <http://dx.doi.org/10.1090/proc/13990>. <http://www.arxiv.org/abs/1709.05147>
121. F. FORSTNERIČ: Holomorphic embeddings and immersions of Stein manifolds: a survey. In: *Complex Analysis and Geometry (in honor of Kang-Tae Kim’s 60th Birthday, Gyeongju, Korea, 2017)*, 145–169. Springer Proc. Math. Stat., 246, Springer, Singapore, 2018. <https://www.springer.com/us/book/9789811316715>. <http://www.arxiv.org/abs/1709.05630>
122. A. ALARCÓN AND F. FORSTNERIČ: New complex analytic methods in the theory of minimal surfaces: a survey. *J. Aust. Math. Soc.* **106:3** (2019) 287–341. <http://dx.doi.org/10.1017/S1446788718000125>. <https://arxiv.org/abs/1711.08024>
123. F. FORSTNERIČ: Mergelyan’s and Arakelian’s theorem for manifold-valued maps. *Moscow Math. J.* **19:3** (2019) 465–484. <http://www.mathjournals.org/mmj/2019-019-003/2019-019-003-002.html>. <https://arxiv.org/abs/1801.04773>

124. F. FORSTNERIČ AND E. F. WOLD: Runge tubes in Stein manifolds with the density property. *Proc. Amer. Math. Soc.* **148:2** (2020) 569–575. <https://doi.org/10.1090/proc/14309>. <https://arxiv.org/abs/1801.07645>
125. J. E. FORNÆSS, F. FORSTNERIČ, AND E. F. WOLD: Holomorphic approximation: the legacy of Weierstrass, Runge, Oka-Weil, and Mergelyan. In: D. Breaz, M. Th. Rassias (Eds.), *Advancements in Complex Analysis*, pp. 133–192. Springer, Cham, 2020. <https://www.springer.com/gp/book/9783030401191>. <https://arxiv.org/abs/1802.03924>
126. F. FORSTNERIČ AND F. LÁRUSSON: Holomorphic Legendrian curves in projectivised cotangent bundles. *Indiana Univ. Math. J.*, **71:1** (2022) 93–124. <http://www.iumj.indiana.edu/IUMJ/fulltext.php?year=2022&volume=71&artid=8767>. <https://arxiv.org/abs/1809.09391>
127. F. FORSTNERIČ: H-principle for complex contact structures on Stein manifolds. *J. Symplectic Geom.*, **18:3** (2020) 733–767. <https://dx.doi.org/10.4310/JSG.2020.v18.n3.a4>. <https://arxiv.org/abs/1810.12943>
128. A. ALARCÓN AND F. FORSTNERIČ: The Calabi-Yau problem for Riemann surfaces with finite genus and countably many ends. *Rev. Mat. Iberoam.*, **37(4)** (2021) 1399–1412. <https://doi.org/10.4171/rmi/1231>. <https://arxiv.org/abs/1904.08015>
129. A. ALARCÓN AND F. FORSTNERIČ: A foliation of the ball by complete holomorphic discs. *Math. Z.*, **296** (2020) 169–174. <http://link.springer.com/article/10.1007/s00209-019-02430-6>. <https://arxiv.org/abs/1905.09878>
130. F. FORSTNERIČ: Immersions of open Riemann surfaces into the Riemann sphere. *Izvestiya: Mathematics* **85:3** (2021) 562–581. Russian transl.: *Izvestiya RAN: Ser. Mat.* **85:3** 239–260. <https://doi.org/10.1070/IM8980>. <https://arxiv.org/abs/1910.06221>
131. A. ALARCÓN, F. FORSTNERIČ, AND F. LÁRUSSON: Holomorphic Legendrian curves in $\mathbb{C}P^3$ and superminimal surfaces in S^4 . *Geom. Topol.*, **25-7** (2021), 3507–3553. <https://doi.org/10.2140/gt.2021.25.3507>. <http://arxiv.org/abs/1910.12996>
132. F. FORSTNERIČ: Zoisova nagrada za življenjsko delo akademiku Josipu Globevniku. *Obzornik mat. fiz.* **66:6** (2019) 236–239.
133. F. FORSTNERIČ: Mergelyan approximation theorem for holomorphic Legendrian curves. *Analysis & PDE* **15:4** (2022), 983–1010. <https://msp.org/apde/2022/15-4/apde-v15-n4-p04-s.pdf>. <https://arxiv.org/abs/2001.04379>
134. F. FORSTNERIČ: The Calabi-Yau property of superminimal surfaces in self-dual Einstein four-manifolds. *J. Geom. Anal.*, **31:5** (2021) 4754–4780. <https://rdcu.be/b5oLk>. <https://doi.org/10.1007/s12220-020-00455-6>. <https://arxiv.org/abs/2004.03536>
135. F. FORSTNERIČ: Proper superminimal surfaces of given conformal types in the hyperbolic four-space. *Ann. Fac. Sci. Toulouse Math.*, **32** (2023) 145–172. https://afst.centre-mersenne.org/item/AFST_2023_6_32_1_145_0/. <http://arxiv.org/abs/2005.02201>
136. F. FORSTNERIČ AND E. F. WOLD: Holomorphic families of Fatou-Bieberbach domains and applications to Oka manifolds. *Math. Res. Lett.*, **27:6** (2020) 1695–1704. <https://www.intlpress.com/site/pub/pages/journals/items/mrl/content/vols/0027/0006/a005/>. <https://arxiv.org/abs/2005.12063>
137. F. FORSTNERIČ: Minimal surfaces for undergraduates. (An introduction for undergraduate students of Mathematics in connection to a first course on differential equations and the calculus of variations.) <https://arxiv.org/abs/2101.01375>
138. A. ALARCÓN, F. FORSTNERIČ, AND F. J. LÓPEZ: Minimal Surfaces from a Complex Analytic Viewpoint. *Springer Monographs in Mathematics*, Springer, Cham, 2021. <https://www.springer.com/gp/book/9783030690557>
139. F. FORSTNERIČ AND D. KALAJ: Schwarz-Pick lemma for harmonic maps which are conformal at a point. *Anal. PDE*, **17(3)**:981–1003, 2024. <https://doi.org/10.2140/apde.2024.17.981>. <http://arxiv.org/abs/2102.12403>

140. F. FORSTNERIČ: Euclidean domains in complex manifolds. *J. Math. Anal. Appl.*, **506:1** (2022) 125660. <https://doi.org/10.1016/j.jmaa.2021.125660>. <https://www.sciencedirect.com/science/article/abs/pii/S0022247X21007393>. <https://arxiv.org/abs/2104.03051>
141. F. FORSTNERIČ: Stein neighbourhoods of bordered complex curves attached to holomorphically convex sets. *Arkiv Mat.*, **60:2** (2022) 335–349. <https://dx.doi.org/10.4310/ARKIV.2022.v60.n2.a6>. <https://arxiv.org/abs/2104.09230>
142. F. FORSTNERIČ: Minimal surfaces in Euclidean spaces by way of complex analysis. *European Congress of Mathematics*, 9–43. EMS Press, Berlin, [2023], ©2023. <https://arxiv.org/abs/2108.13347>
143. B. DRINOVEC DRNOVŠEK AND F. FORSTNERIČ: Hyperbolic domains in real Euclidean spaces. *Pure Appl. Math. Q.*, **19:6** (2023) 2689–2735. <https://dx.doi.org/10.4310/PAMQ.2023.v19.n6.a4>. <http://arxiv.org/abs/2109.06943>
144. F. FORSTNERIČ: Every smoothly bounded p -convex domain in \mathbb{R}^n admits a p -plurisubharmonic defining function. *Bull. Sci. Math.*, **175** (2022) 103100. <https://arxiv.org/abs/2111.08113>
145. F. FORSTNERIČ: Akad. prof. dr. Josip Globevnik, novi častni član DMFA Slovenije. *Obzornik mat. fiz.* **68:3** (2021) 112–113.
146. F. FORSTNERIČ AND F. KUTZSCHEBAUCH: The first thirty years of Andersén–Lempert theory. *Anal. Math.*, **48:2** (2022) 489–544. <https://rdcu.be/cLdLn>. <https://arxiv.org/abs/2111.08802>
147. F. FORSTNERIČ: The Calabi–Yau problem for minimal surfaces with Cantor ends. *Rev. Mat. Iberoam.*, **39:6** (2023) 2067–2077. <https://ems.press/journals/rmi/articles/6866102>. <https://arxiv.org/abs/2202.07601>
148. F. FORSTNERIČ AND E. F. WOLD: Oka domains in Euclidean spaces. *Internat. Math. Res. Not.*, **2024:3** (2024) 1801–1824. <https://doi.org/10.1093/imrn/rnac347>. <https://arxiv.org/abs/2203.12883>
149. F. FORSTNERIČ: Domains without parabolic minimal submanifolds and weakly hyperbolic domains. *Bull. London Math. Soc.*, **55:6** (2023) 2778–2792. <https://londmathsoc.onlinelibrary.wiley.com/doi/10.1112/blms.12894>. <https://arxiv.org/abs/2207.04689>
150. B. DRINOVEC DRNOVŠEK AND F. FORSTNERIČ: Flexible domains for minimal surfaces in Euclidean spaces. *J. Math. Anal. Appl.*, **517:2** (2023), 126653. [https://authors.elsevier.com/sd/article/S0022-247X\(22\)00667-9](https://authors.elsevier.com/sd/article/S0022-247X(22)00667-9). <http://arxiv.org/abs/2204.14254>
151. F. FORSTNERIČ: Embedding bordered Riemann surfaces in strongly pseudoconvex domains. *Rev. Roumaine Math. Pures Appl.*, **68:1-2** (2023) 83–94. http://imar.ro/journals/Revue_Mathematique/php/2023/Rrc23_1_2.php. <http://arxiv.org/abs/2204.06841>
152. B. DRINOVEC DRNOVŠEK AND F. FORSTNERIČ: Proper holomorphic maps in Euclidean spaces avoiding unbounded convex sets. *J. Geom. Anal.*, **33:170**, 2023. <https://doi.org/10.1007/s12220-023-01222-z>. <https://arxiv.org/abs/2301.01268>
153. F. FORSTNERIČ: Recent developments on Oka manifolds. *Indag. Math.*, **34(2)** (2023) 367–417. <https://doi.org/10.1016/j.indag.2023.01.005>. <http://arxiv.org/abs/2006.07888>.
154. A. ALARCÓN AND F. FORSTNERIČ: Embedded complex curves in the affine plane. *Ann. Mat. Pura Appl.* (4), to appear. <https://doi.org/10.1007/s10231-023-01418-8>. <https://arxiv.org/abs/2301.10304>.
155. A. ALARCÓN AND F. FORSTNERIČ: Oka-1 manifolds. Preprint, March 2023. <http://arxiv.org/abs/2303.15855>.
156. A. ALARCÓN AND F. FORSTNERIČ: Complete nonsingular holomorphic foliations on Stein manifolds. *Mediterr. J. Math.*, **21:1** (2024) Article 25, 16 p. <https://link.springer.com/article/10.1007/s00009-023-02566-0>. <https://arxiv.org/abs/2305.06030>.
157. F. FORSTNERIČ: Minimal surfaces with symmetries. *Proc. London Math. Soc.* (3) **128:3** (2024) e12590, 32 p. <http://dx.doi.org/10.1112/plms.12590>. <https://arxiv.org/abs/2308.12637>.

158. F. FORSTNERIČ AND Y. KUSAKABE: Oka tubes in holomorphic line bundles. Preprint, October 2023. <https://arxiv.org/abs/2310.14871>.
159. F. FORSTNERIČ: Proper holomorphic embeddings with small limit sets. Proc. Am. Math. Soc., Ser. B, **11** (2024) 77–83. <https://doi.org/10.1090/bproc/212>. <https://arxiv.org/abs/2310.19396>.
160. F. FORSTNERIČ AND F. LÁRUSSON: Oka-1 manifolds: new examples and properties. Preprint, February 2024. <http://arxiv.org/abs/2402.09798>.
161. A. ALARCÓN, F. FORSTNERIČ, AND F. LÁRUSSON: Isotopies of complete minimal surfaces of finite total curvature. Preprint, June 2024. <http://arxiv.org/abs/2406.04767>.

Faculty of Mathematics and Physics, University of Ljubljana
Jadranska 19, 1000 Ljubljana, Slovenia

Institut of Mathematics, Physics and Mechanics
Jadranska 19, 1000 Ljubljana, Slovenia

Slovenian Academy of Sciences and Arts
Novi Trg 3, 1000 Ljubljana, Slovenia

email: franc.forstneric@fmf.uni-lj.si
<https://www.fmf.uni-lj.si/~forstneric/>