**Complete List of Publications**

**A. Edited Books and Proceedings**

**A.1 Special Journal Issues**


**A.2 Selected Papers Volumes**


**B. Books and Proceedings Contributions**


3. ‘Compactness and continuity, constructively revisited’ (with D. Bridges, H. Ishihara).

4. ‘Constructive solutions of continuous equations’ (with H. Schwichtenberg).
   In: G. Link, ed., *One Hundred Years of Russell’s Paradox. Mathematics, Logic and Philosophy*.

5. ‘Do Noetherian modules have Noetherian basis functions?’ (with J. Zappe).

6. ‘Problems as solutions’. In: S. B. Cooper, B. Löwe, A. Sorbi, eds., *Computation and Logic in the Real World*.


8. ‘A direct proof of Wiener’s theorem’ (with M. Hendtlass).
   In: S. B. Cooper, A. Dawar, B. Löwe, eds., *How the World Computes*.


10. ‘Finite methods in mathematical practice’ (with L. Crosilla).

11. ‘Lindenbaum’s Lemma via Open Induction’ (with F. Ciraulo, D. Rinaldi).

C. Commissioned Articles in Journals

1. ‘Sequential compactness in constructive analysis’ (with D. Bridges, H. Ishihara).

\(^1\)This is an advance communication of the homonymous article (*Log. Methods Comput. Sci.* 2013).
D. Peer–Reviewed Articles in Journals

1. ‘Identifying variable points on a smooth curve’.

2. ‘The moduli of substructures of a compact complex space’.

3. ‘A very weak Nullstellensatz over Heyting fields’.

4. ‘Linear independence without choice’ (with D. Bridges, F. Richman).

5. ‘A constructive look at generalised Cauchy reals’.

6. ‘A weak countable choice principle’ (with D. Bridges, F. Richman).

7. ‘Adjoint, absolute values and polar decompositions’ (with D. Bridges, F. Richman).


9. ‘A constructive uniform continuity theorem’ (with H. Ishihara).

10. ‘Trace–class operators’ (with D. Bridges, F. Richman).

11. ‘Apartness, topology, and uniformity: a constructive view’ (with D. Bridges, L. Viţă).

12. ‘Real numbers as black boxes’.

13. ‘Strong versus uniform continuity: a constructive round’ (with D. Bridges, L. Viţă).

14. ‘Unique existence, approximate solutions, and countable choice’.

15. ‘Countable choice as a questionable uniformity principle’.


17. ‘Compactness under constructive scrutiny’ (with H. Ishihara).

19. ‘Products in the category of apartness spaces’ (with D. Bridges, H. Ishihara, L. Viță).

20. ‘On constructing completions’ (with L. Crosilla, H. Ishihara).

21. ‘Strong continuity implies uniform sequential continuity’ (with D. Bridges, H. Ishihara, L. Viță).

22. ‘What is continuity, constructively?’
   J. UCS 11 (2005) 2076–2085

23. ‘Logisch zwingende Teilprinzipien von ZFC’.
   Logique et Analyse (N.S.) 48 (2005) 301–310

24. ‘Formal Zariski topology: positivity and points’.

25. ‘The fan theorem and unique existence of maxima’ (with J. Berger, D. Bridges).


27. ‘Apartness and formal topology’ (with E. Palmgren).
   New Zealand J. Math. 35 (2006) 77-84


29. ‘Classifying Dini’s theorem’ (with J. Berger).

30. ‘A simple constructive proof of Kronecker’s density theorem’ (with D. Bridges).


32. ‘Binary refinement implies discrete exponentiation’ (with P. Aczel, L. Crosilla, H. Ishihara, E. Palmgren).
   Studia Logica 84 (2006) 361–368

33. ‘Ideals in constructive Banach algebra theory’ (with D. Bridges, R. Havea).


35. ‘Spatiality for formal topologies’ (with N. Gambino).
36. ‘The shrinking principle and the axiom of choice’ (with B. Banaschewski). 

37. ‘The projective spectrum as a distributive lattice’ (with T. Coquand, H. Lombardi).

38. ‘Apartness, compactness, and nearness’ (with D. Bridges, H. Ishihara, L. Viță).

39. ‘The Zariski spectrum as a formal geometry’.

40. ‘A continuity principle, a version of Baire’s theorem, and a boundedness principle’ 

41. ‘Über das Kripke-Schema und abzählbare Teilmengen’ (with J. Zappe).

42. ‘Spectral schemes as ringed lattices’ (with T. Coquand, H. Lombardi).

43. ‘Problems, solutions, and completions’.

44. ‘Kronecker’s density theorem and irrational numbers in constructive reverse mathematics’ 

45. ‘On choice principles and fan theorems’ (with H. Diener).
   *J. UCS* 16 (2010) 2556–2562

46. ‘On the contrapositive of countable choice’ (with H. Ishihara).
   *Arch. Math. Logic* 50 (2011) 137–143

47. ‘Noetherian orders’ (with H. Perdry).

48. ‘Minima and best approximations in constructive analysis’ (with M. Hendtlass).

49. ‘Uniqueness, continuity, and existence of implicit functions in constructive analysis’ 

50. ‘Unique paths as formal points’ (with T. Coquand).

51. ‘A predicative completion of a uniform space’ (with J. Berger, H. Ishihara, E. Palmgren).

52. ‘The Gröbner ring conjecture in one variable’ (with H. Lombardi, I. Yengui).

53. ‘The weak König lemma, Brouwer’s fan theorem, de Morgan’s law, and dependent choice’ 
54. ‘The Kripke schema in metric topology’ (with R. Lubarsky, F. Richman).
56. ‘Are there enough injective sets?’ (with P. Aczel, B. van den Berg, J. Granström). *Studia Logica* 101 (2013) 467–482

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²This is the full version of the homonymous conference paper (*Logic in Computer Science – LICS – 2012*).
³This is an advance communication of the homonymous article (*Indag. Math. (N.S.)* 2017).
⁴This is the full version of the homonymous communication (*Bull. Symb. Log. 2017*).