

## LIST OF PUBLICATIONS

SAM VAN GOOL

### REFEREED FULL PAPERS

1. S. J. v. Gool and B. Steinberg. Pointlike sets for varieties determined by groups, *Advances in Mathematics*, **348**: 18–50 (2019).
2. S. J. v. Gool and B. Steinberg. Pro-aperiodic monoids and model theory, *Israel Journal of Mathematics*, to appear (2019).
3. S. J. v. Gool and B. Steinberg. Merge decompositions, two-sided Krohn-Rhodes, and aperiodic pointlikes, *Canadian Mathematical Bulletin*, **62**(1): 199–208 (2019).
4. S. J. v. Gool and L. Reggio. An open mapping theorem for finitely copresented Esakia spaces, *Topology and its Applications*, **240**:69–77 (2018).
5. M. Gehrke and S. J. v. Gool. Sheaves and duality, *Journal of Pure and Applied Algebra*, **222**(8):2164–2180 (2018).
6. S. Ghilardi and S. J. v. Gool. A model-theoretic characterization of monadic second-order logic on infinite words, *Journal of Symbolic Logic* **82**(1):62–76 (2017).
7. S. J. v. Gool, G. Metcalfe and C. Tsinakis. Uniform interpolation and compact congruences, *Annals of Pure and Applied Logic* **168**:1927–1948 (2017).
8. M. Gehrke, S. J. v. Gool, V. Marra. Sheaf representations of MV-algebras and lattice-ordered abelian groups via duality, *Journal of Algebra* **417**:290–332 (2014).
9. M. Gehrke, S. J. v. Gool. Distributive envelopes and topological duality for lattices via canonical extensions, *Order* **31**(3):435–461 (2014).
10. A. Bauer, K. Cvetko-Vah, M. Gehrke, S. J. v. Gool, G. Kudryavtseva. A non-commutative Priestley duality, *Topology and its Applications* **160**(12):1423–1438 (2013).
11. D. C. S. Coumans and S. J. v. Gool. On generalizing free algebras for a functor, *Journal of Logic and Computation* **23**(3):645–672 (2013).
12. S. J. v. Gool. Duality and canonical extensions for stably compact spaces, *Topology and its Applications* **159**(1):341–359 (2012).

### REFEREED CONFERENCE PUBLICATIONS

13. S. J. v. Gool and B. Steinberg. Pro-aperiodic monoids via saturated models, in: *34th International Symposium on Theoretical Aspects of Computer Science (STACS)*, LIPIcs **66**(39):1–14 (2017).
14. S. Ghilardi and S. J. v. Gool. Monadic second order logic as the model companion of temporal logic, in: *Proceedings of the 31st Annual ACM/IEEE Symposium on Logic in Computer Science (LICS)*, 417–426 (2016).
15. S. J. v. Gool. Free algebras for Gödel-Löb provability logic, *Adv. in Modal Logic* **10**:217–233 (2014).
16. N. Bezhanishvili, D. C. S. Coumans, S. J. v. Gool, D. H. J. de Jongh. Duality and universal models for the meet-implication fragment of IPC, in: *Proceedings TbiLLC 2013*, LNCS 8984:97–116, Springer (2015).
17. D. C. S. Coumans and S. J. v. Gool. Constructing the Lindenbaum algebra for a logic step-by-step using duality (extended version), *Proceedings PhDs in Logic III* (2012).

## PREPRINTS

18. M. Baaz, M. Gehrke and S. J. v. Gool. An interpolant in predicate Gödel logic, arXiv:1803.03003, March 2018.