

# Zvonimir Šikić

Professor, Faculty of Mechanical Engineering and  
Naval Architecture, University of Zagreb  
PhD University of Zagreb, 1986

Research interest: mathematical logic, history and philosophy of mathematics, mathematical education

## Recent publications:

- [1] On unfounded universe with individuals and proper classes, *Bulletin of Symbolic Logic* vol. 3, 118-119 (1997).
- [2] Mathematics, physics and music, *The Role of Mathematics in Physical Sciences*, 179-196, Boniolo, G ; Budinich, P ; Trobok, M. (ur.), Springer, 2005.
- [3] Gödel's Incompleteness and Man-Machine Non-Equivalence, 11. *Mathematikertreffen Zagreb-Graz* (2005).
- [4] A Note on Probability, Frequency and Countable Additivity, *Filozofija u dijalogu sa znanostima*, ur. Boršić L., Skuhala Karasman I. str. 273-279 (2013)
- [5] What Is Probability And Why Does It Matter? *European Journal of Analytic Philosophy*, 21-44 (2014).

## Selected publications:

- [1] Multiple forms of Gentzen's rules and some intermediate logics, *Zeitschr. f. math. Logik und Grundlagen d. Math.* 30, 335-338 (1984).
- [2] Continuing variations on a system of Gentzen, *Zeitschr. f. math. Logik und Grundlagen d. Math.* 31, 537-544 (1985).
- [3] Cantor's theorem and paradoxical classes, *Zeitschr. f. math. Logik und Grundlagen d. Math.* 32, 221-226 (1986).
- [4] Premiss tree proofs and logic of contradiction, *Zeitschr. f. math. Logik und Grundlagen d. Math.* 36, 273-280 (1990).
- [5] A proof of the characterization theorem for consequence relations, *Zeitschr. f. math. Logik und Grundlagen d. Math.* 37, 41-43 (1991).