

# From Hilbert's Program to a Logic Toolbox

Johann A. Makowsky

Technion—Israel Institute of Technology  
janos@cs.technion.ac.il

In this talk we discuss what, according to my long experience, every computer scientist should know from logic. We concentrate on issues of modelling, interpretability and levels of abstraction. We discuss how the minimal toolbox of logic tools should look like for a computer scientist who is involved in designing and analyzing reliable systems. We shall conclude that many classical topics dear to logicians are less important than usually presented, and that less known ideas from logic may be more useful for the working computer scientist.