

1067-AA-1927      **Luis A Medina\*** ([luis.medina@uprrp.edu](mailto:luis.medina@uprrp.edu)), Department of Mathematics, University of Puerto Rico, Box 70377, San Juan, PR 00936. *Special Functions and Computer Algebra*.

We all know how powerful computers are as number crunchers. Nowadays, however, computer also do a great job as symbol-crunchers. Roughly speaking, computer algebra is the field of mathematics and computer science where computation is performed on symbols rather than on numeric values. The importance of special functions on many algorithms related to computer algebra is undeniable. In this talk, we discuss the relation of special functions and computer algebra. The talk is intended for an undergraduate audience. (Received September 22, 2010)