

# Brazilian women's participating in The ACM-ICPC

**Rosiane de Freitas**

Institute of Computing  
Federal University of Amazonas (UFAM)  
rosiane@icomp.ufam.edu.br

**Carlos Eduardo Ferreira**

Department of Computer Science - Institute of Mathematics and Statistics  
University of São Paulo (USP)  
cef@ime.usp.br

**Rodolfo Jardim de Azevedo**

Institute of Computing  
University of Campinas (UNICAMP)  
rodolfo@ic.unicamp.br

Steering Committee - Programming Contests, Brazilian Computer Society (SBC)  
BRAZIL

## ABSTRACT

As in most of the world, the participation of Brazilian women in *The ACM-ICPC International Collegiate Programming Contest* and programming activities in general has been relatively too small in proportion to the number of men involved. Thus, it has been demanded great effort to increase this participation, as part of a great movement for the increased participation of young women students in Computer and the STEM (Sciences, Technology, Engineering and Mathematics) areas in general. In this paper, we analyze the participation of women in The ACM-ICPC: in the Brazilian regional qualifying, in the Brazilian/South America finals, and in the World Finals, as members of a team as well as coaches. Age groups, regions of origin, level and educational background were mapped, as well as participation in numbers over time. This participation, although oscillates in the timeline, has shown an increase in numbers and interest. About the behavioral profile, we can say that, in general, the most successful in the contest also demonstrate greater self-confidence, high technical and scientific capacity, extreme curiosity and sense of equality with men, which is not yet a majority behavior.

**KEYWORDS:** gender equality, icpc, programming contests, women in computing, women in STEM.