

Clarice Aiello



A native of São Paulo, Brazil, Clarice Aiello completed two years of basic engineering studies before being awarded a Bourse Eiffel scholarship to study Physics at the Ecole Polytechnique, France. She spent the last year of her bachelor level studies at the University of Cambridge, Trinity College. Her Master's thesis was completed at the University of Innsbruck, Austria where she researched Quantum Optics and built a robust and very controllable set of coils to be implemented in an experiment exploring ultra-cold Fermi gases. Thanks to her Fulbright Science and Technology award in 2007, Clarice has been a doctoral student at the Massachusetts Institute of Technology. Additionally, she is also a recipient of a UNESCO Fellowship

in Support of Priority Areas. Through the Nuclear Science and Engineering Department at M.I.T., Clarice has been investigating, with the help of nuclear magnetic resonance methods, how to take advantage of the quantum behavior of delicate molecule systems in order to process information; this is usually known as Quantum Computation. Clarice has also been a representative on Student Boards in Brazil and France, and is now a Community Fellow for international student programming at M.I.T.