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Gemma Carotenuto

I am a second year Phd student of the University of Salerno, Italy.

I finished a master in Mathematics in December 2010 with a thesis in logic programming. The title was "Bilattices and multi-valued logics" and my advisor was prof. Giangiacomo Gerla, who now is my Phd tutor. I worked on this subject until last year.

Some months ago I have begun to study set theory under the supervision of prof. Alessandro Andretta, in Turin. More precisely, I am exploring classical results of descriptive set theory and of the forcing method. I am interested in applications of descriptive set theory to other areas of mathematics.