

## **Research statement**

My name is Francisco Guevara. I work at the University of Los Andes (ULA), Venezuela. I studied mathematics at ULA and I got my undergraduate diploma in 2009. I just wrote my master thesis under the supervision of Dr. Carlos Uzcategui. The thesis is on Descriptive Set Theory. I studied some properties about Fréchet filters on  $\mathbb{N}$  and topological Fréchet spaces. So I am interested in Set Theory, Topology and Logic. This year I am applying for a PHD program and I would like to continue working in Set Theory. I think the tutorial about Effective methods in descriptive set theory given by Dr. Alain Louveau would be useful for me.