

## **Discrete and Algorithmic Geometry**

Julian Pfeifle, UPC, 2018

### **Participants**

ANDER ELKOROARISTIZABAL

(anderelkoro)

I have studied Maths at UPV/EHU, 3 years in Bilbo and a year in UEx. I've focused myself mostly in Abstract Algebra, which I find specially beautiful, and Geometry, of which I enjoy its intuitiveness. I've also used programming to get deeper knowledge of most subjects, so I find it really useful. For the future I would like to find a way of using my taste for Algebra, Geometry and Pure Maths in general in Applied Mathematics.

VÍCTOR RUIZ HERRERO

(rufyzos)

I have studied maths in FME, I would like to learn a lot of geometry in this course and in the future I would like to be a doctor in Mathematics.

XAVIER GOMBAU PASCUAL

(xavi-gombau)

I have studied a degree in Telecommunications Engineering for the last 4 years here in Barcelona, at UPC. This course, I would like to study computation-related topics and code a little bit! I'm not sure what to do in a near future, but I have some ideas as an entrepreneur. Looking forward to enjoy this course!

ESTEVE TARRAGO SANCHIS

(tarragoesteve)

I studied computer science and industrial engineering at UPC. There we study some discrete and applied math. I would like to learn more about geometry, and in particular those structures useful to model real-world. One topic that I may focus on the future is reinforcement learning applied on to robots policies.

DIEGO ACEDO MOSCOSO

(diegoacedo)

I studied a Degree in Mathematics in the University of Cadiz. I am interested mostly in group theory, but I'm also keen on measure theory and algebraic topology, and I do not really dislike many parts of mathematics. I have not learned much geometry before, so I hope with this course I can get some ideas. I am not sure about my future yet. After finishing this master, I plan to get some job experience, and hopefully some years later I will try to do a Ph.D.

## MARTA BUSTINS MOLINA

(MartaBustins) I have studied maths in Universitat de Barcelona. I'm more interested in Algebraic Topology, but i do like geometry too. I have done some courses about programming and in this course I would like to learn how to apply it in geometry. In the future I would like to be a doctor in Pure Maths.

## FILIP CANO CÓRDOBA

(filipcc)

I have studied Maths and Physics Engineering at UPC, so I have studied mostly the kind of maths that are used in physics. I've always seen Geometry as a beautiful and mysterious branch of mathematics, but I have never really felt comfortable in it, so I expect to earn more confidence by studying this course. As for the passions I have for the future, my real passion is to be happy. In a more concrete way, I would like to pursue a PhD in Mathematics at a European university, and I would specially like it to be in Switzerland.

## MARTA GONZÁLEZ I SENTÍS

(Marta0211) I have studied Maths in UPC. My main interests are Graph Theory and topics related with Theoretical Computer Science. In this course I would like to learn more about computational aspects and of course geometry! Regarding the future, I am still not sure, although I would like to pursue my work between Mathematics and Computer Science, maybe by doing a PhD.