

Interactive Mathematics Communication

A Hands-on Course with Theory, Workshops and Group Projects

By Dr. Andreas Daniel Matt (director of IMAGINARY / Berlin)

Cuándo:

Tuesday 27.11.2018, 15:30 - 18:30 (Theory)

Thursday 29.11.2018, 15:30 - 18:30 (Theory)

Tuesday 04.12.2018, 15:30 - 18:30 (Theory)

Group Project: 8.12.2019 - 17.12.2018 (Home Work)

Dónde: Salón de Seminarios de piso 14, CMAT, FCien

This course will be a hands-on approach to interactive mathematics communication and engagement. It covers the topics of history of maths communication, established and novel formats of communication as texts, software, hardware models, exhibitions, museums, or animations and introduces the participants to a series of open source tools to develop and implement own ideas. The focus of the course is on interactive and participative formats of mathematics communication/engagement and on knowledge transfer of current mathematical research. It builds on an international open source curriculum for mathematics communication developed at the IMAGINARY conference 2016 in Berlin and on 10 years of experience in mathematics communication within the project IMAGINARY in 60 countries, which was initiated at the Mathematisches Forschungsinstitut Oberwolfach.

Within the course, the participants will discuss current topics, attend an international conference and workshops and work on own communication/engagement group projects. The content of these projects can be related to own research fields or mathematical topics from the Faculty and Uruguayan mathematicians.

The course is directed to mathematicians and interested students from related subjects including PhD students and post-doc mathematicians.

It will be held in Spanish, but parts of the course, the conference and workshops and the literature are in English.

Interactive Mathematics Communication/Engagement



Project Holo-Math (Paris)



Some IMAGINARY exhibitions (from top left, clockwise: Hannover, Seoul, Heidelberg, New York)