

7th Barcelona Tech Math Summer Camp



4-15 July, 2022

Mathematics for Young Students

For students in their last two years of high school
The program features courses and plenary talks
The language of the School is English

TALKS

- C. Corchero:** *Artificial intelligence and optimization to accelerate the energy transition*
J.C. Lario: *Ruler and compass constructions on the lemniscate curve*
T. Lázaro: *Maths & Population dynamics, a glimpse*
E. Miranda: *Where will the 29000 rubber ducks wash up? From Turing machines to
Geometry and the Navier-Stokes conjecture*
P. Morillo: *Electronic voting: Shuffling to anonymize*

COURSES

- A. Espuny:** *Combinatorics*
M. Felipe: *Geometry*
O. Navarro: *Polynomials*
M. Oller: *Arithmetic*

Visit to Research Centers and MMACA (Museum of Mathematics)
and half-day walk to historic downtown Barcelona

For applications and more information please see <https://catedramirpuig.upc.edu/ca/math-activities>



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