The Centre de Recerca Matemàtica (CRM) is looking for candidates for three predoctoral positions funded through the Formación de Programa Investigador (FPI) scheme, to carry out a PhD thesis in the framework of the CRM María de Maeztu Unit of Excellence research programme:

- 1 predoctoral position in Mathematics for Biomedicine (CEX2020-001084-M-20-1); Research Area Coordinator: T. Alarcón.

  Research groups in the area: https://www.crm.cat/biomedicine/

- 1 predoctoral position in Geometry/Topology/Algebra/Number theory. (CEX2020-001084-M-21-2); Research Area Coordinator: J. Porti.

  Research groups in the area: https://www.crm.cat/algebra-geometry-number-theory-and-topology/

- 1 predoctoral position in Dynamical Systems (CEX2020-001084-M-21-3); Research Area Coordinator: M.T. Martinez-Seara.

  Research groups in the area: https://www.crm.cat/dynamical-systems/

Candidates can be of any nationality and should have obtained a Master in Mathematics (or similar topic, such as Physics or Computer Science) before September 2022, which is the expected date for the beginning of the contract.

Female candidates are strongly encouraged to apply.

Benefits package:

- 48 months full-time contract. Salary; 1st-2nd year: 16.640 euros/year; 3rd year: 17.830 euros/year; 4th year: 22.290 euros/year.
- Tuition fees (doctoral programme)
- Funds for travelling and research short stays

Expected starting date: September 2022.

Opening of the Call: 28.10.2021

Deadline: 11.11.2021 14.00h

Applications: https://tinyurl.com/t3e8e83c (through the Spanish Agency of Research). Documentation to attach: CV according to the requested format (in Spanish or English); Academic certificates for BSc and/or MSc degrees; Passport for non-Spanish candidates.

If you are interested in applying to this call, the first step is to contact your possible PhD Supervisor. Please contact rrhhMdM2020@crm.cat with the subject "FPI-MDM-YourName" for assistance with your application and submission, with your supervisor in copy.

If you have any doubts regarding which is the most suitable group/supervisor for your interests, please address to the relevant research area coordinator for advice:

LIFE SCIENCES: talarcon@crm.cat

DYNAMICAL SYSTEMS: tere.m-seara@upc.edu

GEOMETRY/TOPOLOGY/ALGEBRA/NUMBER THEORY: joan.porti@uab.cat