

DP-PMI - Call open for the Doctoral Programme in the Physics and Mathematics of Information

Thu, 2017-08-03 11:37 - [Fátima Barata](#) [1] **At:** Instituto Superior Tecnico (IST), the School of Science and Engineering of the University of Lisbon, Portugal

Deadline: 30 October, 2017

Location

Instituto Superior Tecnico (IST) Avenida Rovisco Pais, 1
Lisbon 1049-001 Portugal

38° 44' 14.7696" N, 9° 8' 13.2396" W

We are happy to announce the opening of the call for applications for the new edition of the [Doctoral Programme in the Physics and Mathematics of Information: Foundations of Future Information Technologies](#) [2] (DP-PMI), starting in February 2018.

The DP-PMI aims at providing advanced curricular and research training in the recent developments and fundamental challenges in information sciences and technologies, namely in:

1. Classical and Quantum Information Theory;
2. Classical and Quantum Logic, Computation and Machine Learning;
3. Classical and Quantum Information Security and Communications;
4. Nanoenergetics and Quantum Thermodynamics;
5. Ultimate limits to precision measurements and navigation.

The DP-PMI is hosted by [Instituto Superior Tecnico](#) [3] (IST), the School of Science and Engineering of the University of Lisbon, in Portugal, and [seven associated research centres](#) [4].

The programme is [funded](#) [5] mainly by a 2.2 MEuro grant from the [Portuguese Science Foundation](#) [6] (FCT). The DP-PMI started in January 2014 and so far has recruited 36 students (29 male + 7 female) from 12 different nationalities. Overall, the programme will recruit up to 40 students, with the last DP-PMI class expected to graduate in 2022.

The **Doctoral Programme in the Physics and Mathematics of Information** aims at recruiting top-level students at the global scale, and train them in a multidisciplinary and international setting. The applications for the DP-PMI are very competitive, with an average success rate of around 15%.

The [applications](#) [7] for the new edition of the DP-PMI are open until **30 October 2017**.

For more information, see:
<http://www.dp-pmi.org/> [2]

- [PhD](#) [8]

Source URL:

<http://qurope.eu/db/jobs/dp-pmi-call-open-doctoral-programme-physics-and-mathematics-information-1>

Links:

- [1] <http://qurope.eu/users/fbarata>
- [2] <http://www.dp-pmi.org/>
- [3] <http://www.ist.utl.pt/en/>
- [4] <http://www.dp-pmi.org/faculty.html>
- [5] <http://www.dp-pmi.org/support.html>
- [6] <http://www.fct.pt/index.phtml.en>
- [7] <http://www.dp-pmi.org/applications.html>
- [8] <http://qurope.eu/db/jobs/type/phd>