

Doctoral Programme in the Physics and Mathematics of Information: Foundations of Future Information Technologies (DP-PMI) - Call closing on 25 October

Fri, 2015-10-02 19:46 - [Fátima Barata](#) [1] **At:** Instituto Superior Tecnico (IST), the School of Science and Engineering of the University of Lisbon, Portugal
Deadline: 25 October, 2015

Location

Instituto Superior Tecnico (IST) Avenida Rovisco Pais, 1
Lisbon 1049-001 Portugal
38° 44' 13.1856" N, 9° 8' 23.7012" W

This is the second and final announcement for the call for applications to the 2015-16 edition of the [Doctoral Programme in the Physics and Mathematics of Information: Foundations of Future Information Technologies](#) [2] (DP-PMI).

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 [eight 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 currently has 17 students (12 male + 5 female) from 8 different nationalities. The programme will recruit up to 6 students in the 2015-16 call, and overall will train 40 doctoral students by 2021.

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 a typical success rate of around 12%.

The [applications](#) [7] for the 2015-16 edition of the DP-PMI, starting in January/February 2016, are open until **25 October 2015**.

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

- [PhD](#) [8]

Source URL:

<http://qurope.eu/db/jobs/doctoral-programme-physics-and-mathematics-information-foundations-future-information-tech-0>

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>