

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

Mon, 2015-07-20 05:30 - [admin](#) [1] **At:** University of Lisbon, Portugal
Deadline: 25 October, 2015

Location

School of Science and Engineering, University of Lisbon Lisbon Portugal
38° 43' 20.1072" N, 9° 8' 21.6132" W

We are happy to announce the opening of 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 (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 (IST), the School of Science and Engineering of the University of Lisbon, in Portugal, and eight associated research centres.

The programme is funded mainly by a 2.2 MEuro grant from the Portuguese Science Foundation (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 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]

Please advertise this information in your institution and directly to potential candidates.

Thank you very much and best wishes,

Yasser
Doctoral Programme in the Physics and Mathematics of Information (DP-PMI)
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