

## PhD Programme in “Physics”

The PhD programme in Physics offers 2 position (of which 2 fully funded with scholarships) for the 41<sup>st</sup> PhD cycle at Politecnico di Milano. All scholarships cover three years of study and research.

The PhD Course is characterized by a strong experimental character. It aims at providing high scientific education and training to develop general research abilities in all areas of applied physics, as increasingly needed by advanced technological companies. The education contents are strictly related to the research activities carried out in the advanced experimental laboratories at the Department of Physics. All research activities are performed in collaboration with high level international institutions. Besides experimental basic research, consistent effort is devoted to the design and development of innovative instrumentation.

The PhD programme aims at the development of an experimental approach in problem solving techniques and at the attainment of a high level of professional qualification, opening job opportunities such as

- ✓ researcher in companies, universities, research centres
- ✓ designer of advanced devices and systems relying on physics technologies in high-tech industries and small innovative companies
- ✓ system manager to solve methodological and technological problems in large companies.

The enclosed tables summarize the scholarships issued in the present call.

Please notice that, in order to be eligible for any of the scholarships, you must (in the registration process) declare that you intend to compete for a scholarship (see also sections 6.4 and 7.6 of the [Quickstart](#) manual).

| # | Type     | Research Topic  | Granting Institution  |
|---|----------|---|-----------------------|
| 1 | Thematic | <i>"NANOSTRUCTURED QUANTUM MATERIALS FOR ELECTRONICS AND SPINTRONICS"</i>                           | Department of Physics |
| 2 | Thematic | <i>"NANOFABRICATION OF METASURFACES FOR THE PHOTONIC SYSTEMS FOR AUGMENTED AND VIRTUAL REALITY"</i> | Luxottica             |

For further information about the Thematic scholarships please visit the [Thematic Scholarships webpage](#)