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- > PhD in Italy - Assistant Professor and Post-doctoral Fellow Positions -
- > IMT Call for Applications
- > Research and Ph.D. Programs focus on institutional and technological
- > change, the role of organizations and markets in economic systems, the
- > analysis of complex systems in social sciences, computer science and
- > engineering. IMT attracts bright students, young researchers and
- > professors through competitive, transparent procedures at an
- > international level.
- > Call for Ph.D. in Computer Science and Engineering
- > <http://www.imtlucca.it/phd_programs/computer_science_engineering/index.php>
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- > The Ph.D. Program aims at preparing researchers and professionals with a
- > wide knowledge about the foundations of informatics and about its
- > applications to a variety of systems and disciplines, focusing on
- > aspects of particular importance in the present context. The new version
- > of informatics is changing the perspective of other disciplines and
- > several aspects of common life, and is the target of very active
- > research in the international scene.
- > 12 Ph.D. Positions & Scholarships
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- > * 12 students: no tuition fees + free access to IMT Canteen
- > * 6 students: full grants (±13.630 € gross/year)
- > * up to 3 INPDAP additional grants
- > * 6 students: free accommodations
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- > Candidates
- > can apply
- > if they obtain
- > their degree
- > NOT later than
- > December 24, 2009
- > Deadline: December 4, 2009
- > phdapplications@imtlucca.it <<mailto:phdapplications@imtlucca.it>>
- > Assistant Professor and Post-doctoral Fellow Positions
- > in Computer Science and Engineering:
- > applications to Cultural Heritage
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- <http://www.imtlucca.it/faculty/positions/assistant_professor_recruitment_program.php>
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- > The Research Fellow in this area will be asked to contribute to IMT
- > teaching activity at PhD level (lectures, seminars, tutorship).
- > She/Heshould focus on Computer Science and Engineering applications to

- > cultural heritage, such as the following:
 - > - to conduct research on modelling and cost-effective representation of
 - > multimedia data, especially for interactive scenarios related to
 - > Cultural Heritage environments, for efficient implementations of virtual
 - > and augmented reality applications;
 - > - to develop context-aware techniques for ambient communication, with
 - > particular emphasis on efficient data compression and/or exchange, so as
 - > to realize effective techniques for virtual and augmented reality
 - > environments related to Cultural Heritage sites;
 - > - to implement, both theoretically and practically, remote sensing and
 - > environmental monitoring techniques for Cultural Heritage sites,
 - > involving techniques for low-impact sensor deployment and efficient
 - > networking techniques for data communication;
 - > Possible topics related to the research activity include:
 - > - representation and management of multimedia data;
 - > - theoretical algorithms for efficient content distribution;
 - > - information retrieval and data mining, including web data mining and
 - > mobile systems;
 - > - environmental monitoring and control;
 - > - system optimization and performance evaluation;
 - > - immersive mobile computing;
 - > - computational intelligence and multi-agent systems;
 - > - networking and software systems for global computing
 - > Preference will be given to candidates combining in their research
 - > fundamental and application oriented aspects.
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- > Assistant Professors and Post-Doctoral Fellows are usually appointed for
- > a fixed term from one year up to three years. All contracts can be
- > renewed once, for up to six years. Assistant Professors differ from
- > Post-doctoral Fellows on the basis of experience and scientific
- > curriculum. Remuneration package is competitive at the international
- > level and includes generous research funds. Additional benefits may be
- > negotiated with selected applicants.
- > Deadline: November 20, 2009
- > researchers.opening@imtlucca.it <<mailto:researchers.opening@imtlucca.it>>
- > Call for applications are also opened for Ph.D. programs in Economics,
- > Markets, Institutions
- > <http://www.imtlucca.it/phd_programs/economics_markets_institutions/index.php>;
- > Political Systems and Institutional Change
- > <http://www.imtlucca.it/phd_programs/political_systems/index.php> and
- > Management and Development of Cultural Heritage
- > <https://www.imtlucca.it/phd_programs/cultural_heritage_development/index.php>
- > and for researcher positions in Economics and in Political Sciences
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- > <http://www.imtlucca.it/faculty/positions/assistant_professor_recruitment_program.php>
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