

Fully-funded four-year PhD scholarships in the Systems Science program, and specifically for its Computer Science and Systems Engineering, IMT School for Advanced Studies Lucca, Lucca, Italy.

IMT School for Advanced Studies Lucca invites applications for PhD positions in the Systems Science program, and specifically for its Computer Science and Systems Engineering <<https://www.imtlucca.it/en/programma-dottorato/anno-accademico-2019-20/systems-science/csse>> track.

We carry out foundational, applied, and interdisciplinary research on the modeling and analysis of systems, broadly construed. The SYSMA <<http://sysma.imtlucca.it/>> research unit welcomes applications from candidates in Computer Science with an interest in any of the following topics:

- cloud computing;
- computational methods for the analysis of cyber-physical systems;
- cybersecurity;
- modeling and verification of concurrent, distributed, and self-adaptive systems;
- program analysis;
- smart contracts and blockchain technology;
- software performance evaluation.

A non-exhaustive list of suggested PhD topics is available here <<https://sysma.imtlucca.it/phd/phd-projects/>> . Prospective candidates are warmly encouraged to get in touch with members <<https://sysma.imtlucca.it/people/>> of the SYSMA unit for informal enquiries.

The scholarship is for 4 years and consists of grant amounting to €15,300 gross/year, in addition to free accommodation and board at the IMT Campus <<https://www.imtlucca.it/en/campus/overview>> . PhD candidates have the possibility to defend their thesis from the beginning of the fourth year of the program, but no earlier as per Italian legislation.

The initial start date of the PhD program is 1 November 2019. The working language at IMT is English.

Application deadline is 23 April 2019. Note that candidates who have not obtained their undergraduate degree by the deadline can still apply, and can be admitted if they graduate no later than 31 October 2019.

Applications must be submitted through the online form at:

<https://www.imtlucca.it/en/programma-dottorato/ammissione/procedure>