**PHD PROGRAMME:** CHEMISTRY AND MATERIALS SCIENCES

**PRESIDENT:** PROF. LORENZO DI BARI

**DEPARTMENT:** Department of Chemistry and industrial chemistry

**ADMISSION REQUIREMENTS:** All

**OUTCOME OF THE SELECTION PROCEDURE:** Ranking of candidates for the whole Phd programme

**PHD POSITIONS AVAILABLE**
- 7 with grant
  - of which reserved to students who have graduated from a foreign universities: 1
- 2 without grant

**DETAILS:**
- 6 grants financed by University of Pisa
- 1 grant reserved financed by University of Pisa and reserved to students who have graduated from a foreign universities

**SELECTION CRITERIA:**

- **Curriculum:**
  The curriculum must be uploaded during the application process. The curriculum must provide information about the candidate’s academic education as well as his/her professional and research experience. Any other documents useful towards the assessment of the candidate’s curriculum should be attached. In particular, candidates must upload the list of exams passed with the mark and ECTS.

  Grade: with a maximum grade of 30 points

- **Interview:**
  The interview assesses the candidate’s knowledge and curriculum. The candidate should show aptitude for research, openness to international academic experiences and an interest in scientific research.

  Date 26th September 2016 Time: 9.00 (and following days but not on Saturday or Sunday)

  All candidates must be present on the first day of meetings to find out when the interview has been scheduled.

  Where: Department of Chemistry and Industrial Chemistry Via G. Moruzzi 13 56124 Pisa

  Minimum grade: 42 out of 70

  Webconference: [YES]

  Candidates who should to attend an interview via video conference have to submit to dottorato.ricerca@adm.unipi.it, no later than 2 September 2016 the attachment D enclosed at the announcement. It is also mandatory to upload the letter duly signed by the Rector of a University or by the Director of a Department or by the responsible of an official Institution (e.g. embassy, consulate) and filled in any detail. In particular, the name and the contact must be provided of a professor or of a public officer who should be present during the exam and take care of its regularity.

**GUIDELINES FOR THE PRESENTATION OF THE PHD RESEARCH PROJECT**

- **Required:** [YES]

  The research project must be uploaded during the online application process. The candidate discusses it during the interview in order to highlight the capacity to carry out the project.
The PhD program aims at training young graduates in the Chemical and Material Sciences with a focus on both molecular aspects and Nanosystems. For this purpose, students will have to develop their own research project in one of the most modern and advanced fields of Chemistry, like Molecular Modeling, synthesis and spectroscopic study of (supra)molecular systems, development of new materials, study of phenomena underlying the production, storage and transportation of energy, innovative methodologies for environmental, clinical and cultural heritage analysis, reaction mechanisms and interaction processes among molecules.

Website: [http://www.dcci.unipi.it/dottorato_dcci/dottorato-scienze-chimiche-materiali.html](http://www.dcci.unipi.it/dottorato_dcci/dottorato-scienze-chimiche-materiali.html)