Attachment 2

*Ph.D. Program in COMPUTER SCIENCE AND ENGINEERING
Department of Computer Science and Engineering (DISI)*

*Alma Mater Studiorum – Università di Bologna*

*Template for the Research Proposal*

***COVER PAGE***

**Name:**

**Surname:**

**Title of the project:**

**NB:** i)during the oral examination, each applicant can express to the Admission Board their interest for the assignment of one or more topic-specific positions; ii) it must be not indicated the name of possible professors who will be responsible for the PhD candidate research activity and the thesis; a supervisor is appointed by the Academic Board only after enrollment.

***PROPOSAL DESCRIPTION***

The project description, with special emphasis on the activities to be completed during the first-year course, cannot exceed 20.000 characters, including spaces and formula possibly used. This figure does not include references and images (such as graphs, diagrams, tables etc., where present). It must contain the following elements:

**1. State of the art.** Provide a brief survey of existing research efforts and scientific basis, preferably with references to scientific literature. If your project is a part of a larger research effort requiring coordination, explain specifically your planned contributions within the larger framework. Outline the essential elements showing consistency between the submitted research proposal and the applicant’s training path and previous experiences.

**2. Description of the project.** Present the main objective and a summary, explaining how you intend to attain your goal. Describe how you are planning to use empirical, analytical, or other methods for your research.

**3. Expected results.** The description of expected results should address impact on science, technology, and society, if appropriate.

**4. Lead-time for implementation.** Outline a research plan for each of the 3 years of the programme.

**5. Proposed criteria to be used to assess the findings obtained.** The project timeline should contain measures of achievement.

**6. References.** Please list applicable references.