Project Title

# Curriculum …

# Research Theme(s) nr.: (from the website:

# <https://unige.it/sites/unige.it/files/2023-06/ANNEX_A_XXXIX%20-%20EN.pdf>)

# Author name

## **INTRODUCTION**

This is a template for the Research Project that **must** be presented as part of the application package for the PhD program in Bioengineering and Robotics offered by the University of Genova.

Please note that the Research Project is just an exercise, which the Selection Committee will use to assess your attitude and capacity to approach scientific research in the fields of bioengineering and robotics. Therefore, the project is not binding. Your actual project will be defined along with your Tutor.

Please note, however, that the Selection Committee will evaluate your application in the context of the Research Theme(s) that you specified in your application. Therefore, we recommend that the Research Project is pertinent to that/those Research Theme(s).

Please note that this project proposal **must** have a **maximum length of 5 pages**.

Please keep the formatting style and the structure of this document (subsections are allowed if needed).

Description text should be removed.

## **MOTIVATION AND RATIONALE**

Place the proposed research within the setting of the Research Theme(s) that you have selected.

What is the problem addressed by your project?

Why is it significant?

## **STATE OF THE ART**

Describe the state of the art which is relevant for this research proposal.

What results or techniques you plan to exploit?

What is it needed to improve the current state of the art?

## **OBJECTIVES**

Please clearly state the general objectives of your research.

## **METHODOLOGY**

Discuss methods, lab techniques, major equipment, analytical and computational tools that will be necessary to pursue the research objectives.

Discuss whether the necessary techniques are compatible with your current background and specify whether you will need specific training.

If you will be using biological material or will deal with human subjects, discuss the ethical implications of your proposed research.

## **EXPECTED RESULTS**

Here, you list the expected results that you expect achieve within the 3-years PhD program.

Identify the results or techniques that you plan to achieve. Explain why these will result in a substantial advancement of science and/or technology.

Speculate about the possible benefits of your intended research for society in general. Who will likely benefit from your research, at least in perspective?

## **TENTATIVE WORKPLAN**

Please try to formulate a workplan of your research project. Identify intermediate goals and crucial milestones (which are the key results to be achieved to successfully complete your PhD project). A Gantt chart is welcome. Please bear in mind that this PhD program has a duration of **3 years**.

## **BIBLIOGRAPHY**

Only list the bibliographic references that are strictly relevant for describing the research proposal. All references should correspond to a citation in the text.