



Notice

Higher Training Course
1st Doctoral Summer School on Robotics and Intelligent Machines – DRIMS2
a.y. 2022/2023

Art. 1 Initiation

The Sant'Anna School of Advanced Studies of Pisa has initiated the first edition of the Higher Training Course "1st Doctoral Summer School on Robotics and Intelligent Machines – DRIMS2" a.y. 2022/2023, pursuant to art. 7 of the Charter.

The Course will be held in the premises of the Volterra International School of Higher Education (SIAF) from August 30th to September 5th, 2023 for a total of 52 hours.

The Course Director will be Prof. Calogero Oddo.

The course envisages the participation of a maximum of 140 enrolled students, of which 70 are reserved, following a special cooperation agreement entered into with the PhD program of national interest in Robotics and Intelligent Machines and related thereto.

Up to a maximum of 10 employees of the Scuola Superiore Sant'Anna can participate in the course free of charge, subject to the authorization of the Managing Director.

The Scientific Head reserves the right not to initiate the Course if the number of enrolled students is less than 80.

The official language of the Course is English.

Art. 2 - ECTS

The acknowledgement of 3 European Credit Transfer and Accumulation System (ECTS) is foreseen for students who attend the entire training course. Acquiring European Credit Transfer and Accumulation System (ECTS) is subject to complying with the attendance obligations and passing the foreseen learning assessment tests.

Art. 3 Educational Objectives

The DRIMS2 Course has the following Educational Objective: to offer knowledge on mechanical design, sensors and actuators, fundamentals of vision and control to robotic students, engaging them in a multidisciplinary teamwork. During the course, students will have the opportunity to acquire in-depth knowledge of the main theoretical approaches and emerging technologies in the field of robotics and intelligent machines and apply them to real-world problems such as object manipulation using sensorized robots. By the end of the course, participants will be able to design, develop, and test robots and intelligent machines for a wide range of applications, and evaluate their performance based on the specific requirements of the environment in which they operate.

Art. 4 Recipients

The Course is intended for the following main recipients: PhD students enrolled in the PhD program of national interest in Robotics and Intelligent Machines (DRIM) and to PhD students currently attending other PhD courses related to robotics or intelligent machines.

Art. 5 Course Structure

The Course syllabus is structured as follows:

- a classroom training phase: from Wednesday, August 30th to Tuesday, September 5th, 2023.
- Each day is composed of 5-6 hours of frontal lessons and 3-4 hours supervised hands-on activities.

The discussion of a project work is foreseen at the end of the Course.

Up to a maximum of 50 persons can be admitted as listeners to attend the Course subject to an assessment by the Course Head, by candidates with a curriculum vitae pertinent to the training course.

Listeners will not be eligible to sit the final assessment tests.

The Project Work will be assessed by a Committee appointed by a decision issued by the Rector of the Sant'Anna School of Advanced Studies.

The Project Work will be discussed by and no later than September 5th, 2023.

Art.6 Admission requirements

An admission application may be submitted by persons who are currently attending PhD courses related to robotics or intelligent machines.

The Administration may decide to exclude a candidate, at any time, with a motivated decision, if the prescribed requirements have not been met.

The above requirements are to be met at the closing date to submit applications.

Art. 7. Admission Application

The enrolment application is to be received by h. 1PM CEST on June 27th, 2023 and is to be submitted exclusively on-line by registering at the following website: <https://www.santannapisa.it/it/alta-formazione/1st-doctoral-summer-school-robotics-and-intelligent-machines-drims2>

The following documentation is to be attached to the enrolment application, under penalty of exclusion:

- curriculum vitae, reporting the PhD program in which the student is enrolled;
- a currently valid identity document.

A specific selection is not envisaged. If the number of applications received exceeds the number of places available, then the chronological order in which the enrolment applications were submitted will be adopted. Up to 70 positions are reserved to students enrolled in the National PhD program in Robotics and Intelligent Machines or other PhD programs in which DRIMS2 scientific committee members serve in the PhD boards.

The list of successful candidates admitted to the Course will be made known **exclusively** on the website of the Sant'Anna School of Advanced Studies. Each candidate shall be responsible for verifying his/her admission to the Course.

Applications received after the deadline or submitted in a form other than the form indicated in this article, for whatever reason, will not be considered.

Falsification of documents and fraudulent statements are punished in accordance with the Italian Criminal Code and the special applicable laws, Art. 75 and Art. 76 of Presidential Decree (D.P.R.) No. 445/2000.

The Institution may monitor the truthfulness of the statements provided and the documents submitted, at any time during the procedure, even after the Course has started, and request the original documents to be submitted. In the case of false statements, the Institution may decide, at any time, to exclude candidates from attending the Course, based on a motivated decision issued by the Chancellor, without prejudice to the resulting criminal liability.

Art.8. Enrolment fee

The registration fee consists of two components: enrolment fee and accommodation and meals fee. The tuition fee will be paid to the Scuola Superiore Sant'Anna, while the accommodation and meals fee will be paid to the Volterra International School of Higher Education (SIAF), as follows:

Enrolment fee, to be paid to Scuola Superiore Sant'Anna by July 10th, 2023:

- € 375,00: enrolment fee for participants members of the Institute for Robotics and Intelligent Machines (I-RIM) Association;
- € 425,00: enrolment fee for participants who are students of a PhD program of the European network EELISA, the BRIEF research infrastructure, or of partners of the competence centers ARTES 4.0, START 4.0, MEDITECH, or MADE, of the ARTES 5.0 EDIH, or members of a chapter of the Italian section of the IEEE or of the Italian section of the ASME;
- € 475,00: enrolment fee for remaining participants.

Accommodation and meals fee, to be paid to the Volterra International School of Higher Education (SIAF):

- € 620,00: Accommodation and meals fee, if paid to SIAF by July 10th, 2023;
- € 690,00: Accommodation and meals fee, if paid to SIAF by August 10th, 2023;
- € 750,00: Accommodation and meals fee, if paid to SIAF on-site at the beginning of the Summer School (August 30th, 2023).

Travelling expenses are to be borne by each participant.

Pursuant to art. 9, paragraph 2 of Legislative Decree No. 68/2012 the Institution grants total exemption regarding payment of the enrolment fee in the case of students with a disability, acknowledged to be equal to or greater than sixty-six percent, in accordance with art. 3, paragraph 1 of Law No. 104/1992, and applies a 1.5% reduction for every percentage point of disability in the case of students who have been acknowledged a disability of less than sixty-six percent. A student that intends to take advantage of the exemption or the reduction is required to attach an appropriate certificate to the online application.

A refund of the fee paid at the time of enrolment is not foreseen if attendance of the Course is waived. If the course is not initiated because the minimum number of participants fails to be reached, then the fee paid will be refunded.

Art.9. Acceptance procedure and method of payment

Successful candidates who wish to attend the Course are required to confirm their attendance by the deadline indicated in the notification of admission, where will also be indicated the payment methods of the registration fee, that can be made through PagoPa procedure to the Scuola Superiore Sant'Anna and by bank transfer to SIAF.

Art.10. Educational Qualification issued

At the end of the Course the Sant'Anna School of Advanced Studies will issue a certificate of attendance with value to the extent permitted by law, and with the details of the ECTS obtained to the students who attended

at least 75% of the entire training programme, and passed the final assessment tests and are up-to-date with the payment of the enrolment fee.

A certificate of attendance will be issued to listener students.

**Art. 11. Person responsible for the competitive entrance examination procedure,
personal data processing and prevention of corruption measures**

Under the art. 5 of the Act n. 241/90 and ff.mm., the person in charge of the competition procedure is Mrs. Elena Cambi, Head of the U.O. Higher Education – Sant’Anna School of Advanced Studies - Via Maffi 27, 56127 Pisa - tel. 050/882645 - fax 050/882633 - e-mail: altaformazione@santannapisa.it.

Sant’Anna School of Advanced Studies (hereinafter the “School”), represented by the Rector, as Data Controller, under the article 13 of the EU General Data Protection Regulation n. 679/2016 and under the Italian Legislative Decree 30 June 2003 ("Privacy Code regarding the protection of personal data") with regard to the processing of personal data, and on her behalf, Giovanna Bottai, giovanna.bottai@santannapisa.it. Please read the privacy statement available at www.santannapisa.it/it/alta-formazione-info.

The Sant’Anna School of Advanced Studies operates in compliance with the legislation on the prevention of corruption (L.190 / 2012).