

## DOE-INFN Summer Students Exchange Program 2019 Edition

The US Department of Energy (DOE) and the Istituto Nazionale di Fisica Nucleare of Italy (INFN) announce the 2019 edition of the Summer Exchange Program dedicated to promote the exchange of students in science between the two countries.

INFN (<http://www.infn.it>) is one of the leading organization worldwide promoting basic scientific research and has tight connections with DOE activities in many areas of interest: Particle Physics, Astroparticle Physics, Nuclear Physics, Theoretical Physics and Detector Physics.

We call for applications of US students willing to join a INFN research team in Italy for a two-month period between **June 1st and October 31st, 2019**.

There are **11 positions** available. Applicants can choose among 18 different INFN sites and 53 research projects.

Grants amount to **Euro 5000** for covering travel and living expenses. They are subjected to a **30%** reduction due to Italian income taxes.

Eligible candidates must be enrolled as students at a US university and they must have begun, at the time of application, at least the third year of a US University curriculum in physics, engineering or computing science, or planning to start the third year in 2019.

Applications, in electronic form, must be sent to INFN not later than **April 10<sup>th</sup>, 2019** (11.59 pm CET) through the website: <https://reclutamento.infn.it/ReclutamentoOnline/>

The application should include:

- a short CV following the template provided in the recruitment site, describing the applicant's academic and research experience. Only PDF files will be accepted.
- a list of the University courses and scores. Only PDF files will be accepted.
- the three preferred INFN sites and the research projects chosen among those listed in the Annex I.
- the motivation for applying to this program and a statement of research interests, specifying and justifying the selected projects.
- the name and e-mail address of at least one of their professors or tutors who will be contacted by us to provide a reference letter

Selection of participants will be carried out by the Selection Committee and participants will be informed of the outcome of their applications by April 30th.

Selected students will be contacted by the Directors of the relevant INFN sites who will send out the official invitation letter. Selected students are also requested to send their official University transcript by e-mail (digital scanned copy).

Since September 2010, citizens of countries like US may enter Italy for a period of up to 90 days without a visa, to take part in the exchange program (please check here <http://vistoperitalia.esteri.it/home/en>).

Il Presidente della Commissione  
Dott.ssa Sandra Leone

A handwritten signature in blue ink, appearing to read "Sandra Leone", is written below the printed name.

# ANNEX 1

## INFN site

## Research Topics

BARI	ALICE
BARI	CMS 1
BARI	CMS 2
BARI	CMS 3
BARI	CMS 4
BOLOGNA	ATLAS 1
BOLOGNA	ATLAS 2
BOLOGNA	XENON
CAGLIARI	LHCb
CAGLIARI	DarkSide
CATANIA	JUNO
CATANIA	AUGER
CATANIA	JLAB12-BDX
FERRARA	LHCb
LNGS	LUNA
LNF	SIDDHARTA-2
LNF	CYGNO
LNF	LHCb 1
LNF	LHCb 2
LNF	CLAS12 RICH
LNF	PADME
LNF	CarbonSEY
LNF	NEMESYS 1
LNF	NEMESYS 2
LNF	NEMESYS 3
LNF	F2S
LNF	CMS
LNF	TIDE
LNL	E-PLATE
LNL	SPES 1
LNL	SPES 2
LNS	THEORY EXOTIC NUCLEI
LNS	FARCOS
LNS	KM3NET

LNS	DUNE
GENOVA	ATLAS
GENOVA	EIC_NET
GENOVA	JLAB12 - CLAS12
GENOVA	JLAB12 - Light Dark Matter
LECCE	AUGER
MILANO	LHCb
PADOVA	LHCb 1
PADOVA	LHCb 2
PAVIA	ATLAS
PISA	NA62
PISA	VIRGO 1
PISA	VIRGO 2
PISA	VIRGO 3
ROMA	CYGNO
ROMA TOR VERGATA	ATLAS
ROMA TOR VERGATA	VIRGO
TRIESTE	LHCb 1
TRIESTE	LHCb 2