



**GREEK REPUBLIC
UNIVERSITY OF IOANNINA
SCHOOL OF SCIENCES
PHYSICS DEPARTMENT**

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CALL FOR PROPOSALS
FOR FOUR (4) PhD POSITIONS

The Department of Physics of the School of Sciences of the University of Ioannina accepts applications for doctoral dissertation (PhD) in the following indicative research fields:

	Dissertation subject area	Contact Person	tel./ e-mail
1	Cosmological and Gravitational Effects of Scalar Fields in Modified Gravity Theories.	Prof. Leandros Perivolaropoulos	2651008632 lperivol@uoi.gr
2	Investigation of the effects of dust aerosols on cloud properties over the Mediterranean basin on a climatological basis using synergies of satellite observations and modeling tools	Associate Prof. N. Hatzianastasiou	2651008539 nhatzian@cc.uoi.gr
3	Studies of signatures from theories beyond the Standard Model and development of new detector systems for the CMS experiment at the HL-LHC accelerator at CERN	Prof. C. Foudas	2651008750 costas.foudas@uoi.gr
4	Investigation of neutron irradiation effects on the radiological and structural properties of tungsten materials for fusion energy applications	Associate Prof. N. Patronis	2651008551 npatronis@uoi.gr

Eligible to apply are holders of a Master's Diploma (MSc) in physics or physics-related subjects by national or foreign recognized as equivalent, institutions (Δ.Ο.Α.Τ.Α.Π. (in accordance with law 3328/2005 (A' 80))). In special cases, eligible to apply are PhD candidates who do not hold a Master's degree. These cases only concern postgraduate students who are enrolled in one of the Postgraduate Studies Programs, have successfully completed the courses within the foreseen time and their performance is excellent. Their application form is submitted within the same time period specified in the current Call for Proposals and does not count towards the total number of vacancies.

Interested parties are invited to submit the following documents by **15-02-2019** to the Secretariat of the Department of Physics:

1. Application Form
2. Detailed Curriculum Vitae.
3. Certificate of adequate knowledge of at least one official language of the European Union, preferably English.
4. An outline of the proposed doctoral dissertation.
5. Copy of a Masters diploma in science (MSc).
6. Transcript of records of undergraduate and graduate grades.
7. Certificate (Δ.Ο.Α.Τ.Α.Π.) (if required)
8. At least two recommendation letters.

9. Statement from the candidate about the research field in which he or she wishes to conduct his or her doctoral dissertation. This option may be one of the research fields outlined in the call proposal. If the selected option is not included in the call proposal, the candidates are required to submit a detailed description of the research subject (at least 500 words).
10. Photocopy of Police ID.

The languages of submission of the proposed title and of the outline of the dissertation may be Greek and / or English.

Candidates are selected on the basis of their performance in undergraduate and postgraduate studies, the interview (which may also be done by video-conference), the recommendation letters they submit as well as the scientific papers or other research work they have conducted.

The selection process will be completed by **10-4-2019**.

For more information, please contact the Secretariat of the Department during working days and hours at (0030)-26510-07491.

Ioannina, 28-01-2019

The Chair of the Department

Panagiotis Kokkas
Professor

