



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

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CALL FOR PROPOSALS
FOR SEVEN (7) 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 | Engineering of Nanomaterials and their Nanodevices by Flame Spray Pyrolysis for Energy Applications | Professor Ioannis Deligiannakis | +302651008662 ideligia@uoi.gr |
| 2 | Engineering of Nanosensors with Flame Spray Pyrolysis | Professor Ioannis Deligiannakis | +302651008662 ideligia@uoi.gr |
| 3 | Interaction of caesium and water on solid surfaces for negative hydrogen ions production | Associate Professor Dimitrios Vlachos | +302561008578 dvlachos@uoi.gr |
| 4 | Search for Physics beyond the Standard Model using gluon jets at CMS experiment | Assistant Professor John Strologas | +302651008513 strolog@uoi.gr |
| 5 | Magnetic flux emergence in the Sun and the onset of explosive events | Professor Vasileios Archontis | +302651008468 archontis@uoi.gr |
| 6 | Formation mechanisms, modelling, and prediction of ionospheric sporadic E layers | Professor Alexandros Nindos | +302651008496 anindos@uoi.gr |
| 7 | Slow (meV) photoelectron imaging spectroscopy of atomic and molecular systems | Professor Samuel Cohen | +302651008540 scohen@uoi.gr |

In accordance with Greek law 4957/2022 article 92, eligible to apply are holders of a Master's (MSc) in physics or physics-related subjects, or holders of an undergraduate degree corresponding to an Integrated Master's Diploma (in accordance with Greek law 4957/2022 article 78, issued by national or recognized equivalent foreign institutions).

Interested applicants are invited to submit the following documents by **14-02-2025** to the Secretariat of the Department of Physics (email: gramphys@uoi.gr, address: Physics Department, University of Ioannina, GR 45110, Ioannina, Greece):

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 post graduate grades.*
7. Certificate of recognition by DOATAP (Hellenic NARIC) (if required)
8. At least two recommendation letters.
9. Statement from the candidate about the research field in which they wish to conduct their doctoral dissertation. This option may be one of the research fields outlined in the proposal call. 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 National ID or Passport.

** Degrees that have been awarded by foreign Institutions and have not been recognized by DOATAP (Hellenic NARIC)*

- they will be evaluated based on Greek Law 4957/2022.*
- they should be either A) certified according to The Hague Convention (APOSTILLE) and then officially validated by one of the following Greek authorities: the translation service of the Ministry of Foreign Affairs of Greece or a Greek lawyer or the Embassy/Consulate of Greece in the country where the document was issued. Additionally, an official translation of the document is required if the degree is issued in a language other than Greek or English either B) in case it is not certified according to The Hague Convention (APOSTILLE) and if the degree is issued in Greek or English, the applicant should upload a copy of the degree and inform the issuing University to send a copy directly the Department of Physics by e-mail.*

The language 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 submitted as well as the scientific papers or other research work they have conducted.

The selection process will be completed by **10-03-2025**.

For more information, please contact the Secretariat of the Department during working days and hours at +30-26510-07491.

Ioannina, 20-01-2025
The Chair of the Department

*

Leandros Perivolaropoulos
Professor

*The signature has been placed on the original that is on file in the archives of the Secretariat.