



HELLENIC REPUBLIC
MINISTRY OF EDUCATION, RESEARCH AND RELIGIOUS AFFAIRS



FORTH
FOUNDATION FOR RESEARCH AND TECHNOLOGY – HELLAS
INSTITUTE OF APPLIED AND COMPUTATIONAL MATHEMATICS

OPENING for

One “Stavros Niarchos Foundation – FORTH Fellowship” for a Ph.D. candidate within the project

ARCHERS: Advancing Young Researchers’ Human Capital in Cutting Edge Technologies in the Preservation of Cultural Heritage and the Tackling of Societal Challenges

Exclusively funded by the Stavros Niarchos Foundation



Ref. Number: 76

Heraklion 1st February, 2017

The Institute of Applied and Computational Mathematics (IACM) of the Foundation for Research and Technology Hellas (FORTH), in the framework of the project ARCHERS, aimed at reducing or even reversing the *brain drain*, which is funded by an exclusive donation of the *Stavros Niarchos Foundation*, is seeking to recruit one (1) PhD student.

Job Description

The Ph.D. candidate awarded the Stavros Niarchos Foundation – FORTH fellowship is expected to perform high-quality research in the area of array imaging of extended reflectors in two-dimensional waveguides. In particular the focus will be on the study of the imaging problem in terminating waveguides and the analysis of back-propagation based imaging functionals in this setting.

Eligibility criteria

- Basic Degree in Sciences or Engineering
- MSc degree in Mathematics or Applied Mathematics.
- Good knowledge of Greek and English Language

Desirable qualifications

- Good background in mathematical modeling of wave propagation (35 %)
- Good background in imaging methods (35 %)
- Experience in numerical methods and scientific computing (30 %)

Location: IACM-FORTH, Heraklion Crete GREECE

Start Date: 1st of April, 2017

Duration of appointment: 12 months.

Application Submission

Interested candidates who meet the aforementioned requirements are kindly asked to submit their applications, no later than the **28 of February 2017, 23:59 local time (Greece)** to the address (mariapap@iacm.forth.gr).

In order to be considered, the application package must include:

- Filled-in Application Form (attached)
- Detailed curriculum vitae (CV) of the candidate
- Copies of academic titles/transcripts
- Language certificates

Any application received after the deadline will not be considered for the selection**Contact**

For information and questions regarding the application and selection procedure, candidates may contact the IACM secretariat (mariapap@iacm.forth.gr), tel. +30 2810-391800. For additional information on the specific research subject, candidates may contact Prof. C. Tsogka (tsogka@uoc.gr)

Selection Announcement

The result of the selection will be announced on the website of IACM-FORTH.

Candidates have the right to appeal the selection decision, by addressing their written objection to the IACM secretariat within five (5) days since the results announcement on the web. They also have the right to access (a) the files of the candidates as well as (b) the table of candidates' scores (ranking of candidates results). All the above information related to the selection procedure will be available at the secretariat of IACM-FORTH in line with the Hellenic Data Protection Authority.

TO : FOUNDATION FOR RESEARCH AND TECHNOLOGY (FORTH)
 INSTITUTE OF APPLIED AND COMPUTATIONAL MATHEMATICS (IACM)
 N. PLASTIRA 100
 70013 HERAKLION CRETE

**APPLICATION FORM
 FOR A STAVROS NIARCHOS FOUNDATION – FORTH Ph.D. CANDIDATE FELLOWSHIP**

NAME	
SURNAME	
DATE OF BIRTH	
NATIONALITY	
TELEPHONE	
EMAIL	
SUBMITTED WITH THIS APPLICATION	1. 2. 3. 4. 5. 6.

Hereby I submit my application for a Stavros Niarchos Foundation – FORTH PhD candidate Fellowship:

Ref. Number

..... [Job Description].....

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in the framework of the project ARCHERS, carried out by the Foundation for Research and Technology Hellas (FORTH) and funded by an exclusive donation of the Stavros Niarchos Foundation

I certify that:

- A) I accept the terms and conditions of the job announcement
- B) I possess all the necessary certificates and documents and I can present them in their original form without any delay if I am asked to do so

DATE & SIGNATURE