



## One (1) PhD student position in CoCoGel project

### Controlling Colloidal Gels for Novel Sustainable Materials

(Topic: *HORIZON-MSCA-2022-DN-01-01 - MSCA Doctoral Networks 2022*)

Call: *HORIZON-MSCA-2022-DN-01, GA 101120301*)

*Funded under HORIZON-TMA-MSCA-DN-ID - HORIZON TMA MSCA Doctoral Networks – Industrial Doctorates*



**Funded by European Union**

Ref. 219651-DC1  
Heraklion 5/5/2026

The Institute of Electronic Structure and Laser of the Foundation for research and Technology Hellas (IESL -FORTH), in the framework of the project CoCoGel, (Call: HORIZON-MSCA-2022-DN-01, GA 101120301), Funded under HORIZON-TMA-MSCA-DN-ID - HORIZON TMA MSCA Doctoral Networks – Industrial Doctorates, is seeking to recruit one (1) PhD student.

FORTH is seeking for one motivated PhD Candidate to work in the field of Soft Matter. The "CoCoGel" Network involves leading experts from 12 European labs and Industries with vast experience in experiments, computer simulations, and industrial systems. The candidate will enroll in the PhD program of the Department of Materials Science and Technology of University of Crete.

#### **Job Description**

Tuning model colloidal gels by external shear and flow – Applications to energy related materials (DC1)

For details on the research projects see: <https://cocogel.iesl.forth.gr/esr-projects>

To qualify for the positions, you cannot have resided or carried out your main activity (work, studies, etc.) in Greece for more than 12 months in the 36 months preceding the recruitment start date. The candidates will spend 9 months at industrial of the CoCoGel project

#### **Required qualifications**

- Undergraduate degree and Master's in fields covering soft matter fundamentals (e.g., chemical engineering, physics, materials science) (25%)
- Background in physical chemistry and Laboratory experience with soft materials (polymeric, colloidal) (25%)
- Two (2) Recommendation letters (25%)
- Publications and Presentation/communication skills (25%)

**Additional qualifications**

- Experience in experimental techniques, especially rheology, scattering or microscopy (15%)
- Experience in programming and computer simulations (15%)

**Location:** IESL-FORTH, Heraklion Crete GREECE

**Start Date (earliest):** July 1, 2026

**Project Duration:** 18 Months by CoCoGel project and 18 months by Internal funding

**Application Submission**

Interested candidates who meet the aforementioned requirements are kindly asked to submit their applications, no later than **May 20, 2026, 23:59 local Greece time** to the address ([hr@iesl.forth.gr](mailto:hr@iesl.forth.gr)), with cc to Prof. George Petekidis ([georgp@iesl.forth.gr](mailto:georgp@iesl.forth.gr)) and Mr. Denis Botog ([cocogel@iesl.forth.gr](mailto:cocogel@iesl.forth.gr)).

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

- Application Form (please download file from the job announcement webpage <https://www.iesl.forth.gr/en/jobs-bids/jobs/job-positions>)
- Detailed curriculum vitae (CV) of the candidate
- Scanned Copies of academic titles

**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 are asked to contact the secretariat ([hr@iesl.forth.gr](mailto:hr@iesl.forth.gr)), tel. +30 2810-391314.

For information and questions about the advertised position and the research activity of the group or the institute, candidates are asked to contact Prof. George Petekidis ([georgp@iesl.forth.gr](mailto:georgp@iesl.forth.gr)), tel. +30 2810-391490.

**Selection Announcement**

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

Candidates have the right to appeal the selection decision, by addressing their written objection to the IESL 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 IESL-FORTH in line with the Hellenic Data Protection Authority.

**GDPR**

FORTH is compliant with all legal procedures for the processing of personal data as defined by the **Regulation EU/2016/679 on the protection of natural persons with regard to the processing of personal data**. FORTH processes the personal data and relevant supporting documents that you have submitted to us. Processing of that data is carried out exclusively for the needs and purposes of this specific call. Such data shall not be transmitted to or communicated to any third party unless required by law. FORTH retains the above data up to the announcement of the final results of the call, unless further process and reservation is required by law or for purposes of exercise, enforcement, prosecution of certain one's legitimate legal rights' as defined in the Regulation EU/2016/679 and/or in national law. We inform you that under the Regulation EU/2016/679 you have the rights to be informed about your personal data, access to, rectification and erasure, restrictions of process and objection to as provided by applicable regulation and national laws. We acknowledge also to you, that you have the right to file a complaint to the national Data Protection Authority. For any further information regarding exercise of your personal data protection rights, you may contact the Data Protection Officer at FORTH at [dpo@admin.forth.gr](mailto:dpo@admin.forth.gr). You have the right to withdraw your application and consent for the processing of your personal data at any time. We inform you that, in this case, FORTH shall destroy such documents and/or supporting documents submitted and shall delete the related personal data.