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DIPARTIMENTO  
DI **FISICA**  
ETTORE PANCINI



UNIVERSITÀ DEGLI STUDI DI NAPOLI  
**FEDERICO II**



UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II

## SELECTION NOTICE FOR THE AWARD OF A ONE YEAR RESEARCH GRANT TO BE CARRIED OUT AT THE "ETTORE PANCINI" DEPARTMENT OF PHYSICS

HAVING REGARD TO Law no. 190 of November 6, 2012, and subsequent amendments;  
HAVING REGARD TO the University's Three-Year Corruption Prevention Plan 2017/2019 (approved by the Board of Directors in its meeting on February 1, 2017);  
HAVING REGARD TO the Codes of Conduct for public employees and University staff adopted by Resolution of the Board of Directors no. 36 of January 30, 2014, drawn up in compliance with Article 54, paragraph 5, of Legislative Decree no. 165 of 2001 and subsequent amendments;  
HAVING REGARD TO the Code of Conduct for public employees, issued by Presidential Decree no. 62 of April 16, 2013, and already disseminated via director's note no. 68362 of July 18, 2013;  
HAVING REGARD TO the new University Regulation for the establishment and awarding of research grants, issued by DR/2025/1141 of March 13, 2025;

### ART. 1

As part of the research activities of the project *Maskless Surface morphing by Holographic Hyper Lithography – HyperMaSH – ERC CUP: E63C24001670006*, the Council of the “Ettore Pancini” Department of Physics has resolved, by resolution no. 6 of July 11, 2025, to launch a selection procedure for the awarding of **1 year research grant**, to be carried out at the Department of Physics under the scientific supervision of **Prof. Stefano Luigi Oscurato**, with the following project title: “*Synthesis and characterization of high-performance azobenzene-based materials for surface photopatterning.*”

### ART. 2

The selection is open, regardless of nationality, to candidates holding one of the following qualifications:

- a) Master's Degree (Laurea Magistrale) obtained under Ministerial Decree no. 270/2004 and subsequent amendments, belonging to one of the following degree classes as per Ministerial Decree of 16/03/2007: **LM-54 - Master's Degree in Chemical Sciences**
- b) An equivalent academic qualification; equivalency will be determined by the Selection Committee.

### ART. 3

The selection will be based on **qualifications and an oral examination.**

### ART. 4

The research grant will have a **duration of twelve months** and is **non-renewable**. The gross amount of the grant is **€23,500.00**, and will be paid by the Department of Physics in **twelve monthly payments**, upon completion of the research activities.

The grant **cannot be combined** with:

- a) Research contracts under Article 22 of Law 240 of 30/12/2010 (including any residual research fellowships);
- b) Any other scholarships or grants, unless awarded by national or international institutions to support research stays abroad;

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c) Employment (public or private), unless the grant holder obtains authorization from the relevant entity and is placed on unpaid leave for the full duration of the grant.

**Exclusion criteria:** Those who are relatives (up to the fourth degree) of any professor within the proposing Department, or of the Rector, the General Director, or a member of the University's Board of Directors are **not eligible** to apply.

## ART. 5

This notice will be published for a period of 20 days on the University website at:

- <http://www.unina.it/ateneo/concorsi/borse-di-ricerca>
- <http://www.unina.it/ateneo/albo-ufficiale>

Applications must be submitted using plain paper, following the format provided in **Annex A**, signed by the applicant, and received by the “**Ettore Pancini**” Department of Physics no later than **11:00 AM on October 14, 2025**.

Applications can be submitted via:

- Certified email (PEC): **dip.fisica@pec.unina.it**
  - Standard email: **progetti.fisica@unina.it**
- Reference code: **Bo.Ri.44-2025/DF**

Applicants meeting the admission requirements are **invited to the oral examination on October 15, 2025, at 11:00 AM**. The interview will be held **online**, and candidates who apply within the deadline will receive instructions via email.

Each candidate must declare, under his own responsibility, his personal data and academic qualifications.

The following documents must be attached:

- Copy of Master thesis (digital version accepted)
- Any other qualifications or publications
- Curriculum vitae
- Any certificates (e.g., training courses, internships at research institutions)
- Copy of a valid identity document

All qualifications issued by public authorities must be certified through a **self-declaration** using the appropriate form (Annex A), in accordance with current regulations.

## ART. 6

The **Selection Committee** will consist of:

- a) Two professors/researchers;
- b) One project supervisor or delegate.

The role of **secretary** will be held by a technical-administrative staff member of the proposing Department, belonging to the **Administrative Officers or Administrative Collaborators** category.

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## ART. 7

The Committee will evaluate:

1. Candidate's academic and professional qualifications
2. Oral interview on topics related to:
  - 1) Synthesis and microscopic/spectroscopic characterization of organic molecules and polymeric materials
  - 2) Photochemistry of azobenzene.

The Committee will have **100 points** to allocate as follows:

1. Oral interview: up to **60 points**
2. Final Master degree grade or equivalent: up to **20 points**
3. Laboratory experiences with microscopy techniques, optical spectroscopy and synthesis of organic complexes and polymeric materials: up to **10 points**
4. Publications or other qualifications: up to **10 points**

The Committee will preliminarily establish clear evaluation criteria in compliance with transparency and equal treatment principles. These criteria will be documented and attached to the official selection records.

To be considered eligible, the candidate must obtain a **minimum of 60/100 points**.

## ART. 8

The Committee will prepare a **ranking list**, indicating eligible candidates in order of merit. In the event of a tie, the **younger candidate** will be given priority. The Committee's decisions are **final and not subject to appeal**.

## ART. 9

The grant will be awarded to the **first-ranked candidate**. If the winner declines the grant, it will be offered to the **next eligible candidate** in the merit ranking.

## ART. 10

Within **10 days** of receiving the official award notification (via registered letter), the selected candidate must send a **declaration of acceptance** to the Director of the Department of Physics, or the grant will be forfeited.

The candidate must also submit a **self-declaration** (as per the provided template), certifying:

- a) Full name
- b) Date and place of birth
- c) Residence
- d) Nationality
- e) Master Degree obtained
- f) That they are not employed by any public or private organization

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## ART. 11

The grant holder must:

- Begin the research on the scheduled date, following instructions from the project supervisor
- Carry out the research **continuously and regularly** for the full grant period; only brief interruptions due to health issues or proven force majeure will be accepted. Long interruptions will result in forfeiture of the grant
- Submit a **comprehensive final report** on the research activities at the end of the year

The grant holder is not subject to fixed working hours and will work **without any hierarchical or organizational obligations** towards the Department.

## ART. 12

If the grantee fails to meet any of the obligations listed above or commits other serious violations, they will be declared **forfeited** and lose the right to the grant.

## ART. 13

All personal data collected in connection with this procedure will be processed in accordance with:

- Italian Legislative Decree 196/2003 (Data Protection Code),
- EU Regulation 2016/679 (General Data Protection Regulation - GDPR),
- University of Naples Federico II's Data Protection Regulation (issued by Rectoral Decree no. 1226 of March 19, 2021).

The data will be used solely for this procedure and related institutional activities of the University. Applicants are entitled to the rights provided by Articles 15–22 and 77 of the GDPR. Full information on data processing is available at:  
<http://www.unina.it/ateneo/statuto-e-normativa/privacy>

Napoli, 16/09/2025

IL DIRETTORE DEL DIPARTIMENTO

Prof. Gennaro Miele



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## ANNEX A

To the Director of the Department of Physics  
"Ettore Pancini"  
Monte S. Angelo University Complex  
80126 – Naples, Italy,

**SUBJECT:** Selection Notice No. Bo.Ri.44\_2025/DF (managed by the Research Office)

Comparative evaluation procedure, based on qualifications and interview, for the award of 1 Year Research Grant on the topic: "Synthesis and characterization of high-performance azobenzene-based materials for surface photopatterning" announced by the "Ettore Pancini" Department of Physics under the project: Maskless Surface morphing by Holographic Hyper Lithography – HyperMaSH – ERC CUP: E63C24001670006. *Scientific Supervisor: Prof. Stefano Luigi Oscurat.*

I, the undersigned \_\_\_\_\_, born in \_\_\_\_\_ (province of \_\_\_\_\_) on \_\_\_\_\_, Tax Code (Codice Fiscale) \_\_\_\_\_, resident in \_\_\_\_\_ (province of \_\_\_\_\_) ZIP Code \_\_\_\_\_, Street \_\_\_\_\_, Phone \_\_\_\_\_, Email \_\_\_\_\_;

### STATES

to be admitted to the comparative evaluation procedure, based on qualifications and interview, for the award of a Research Grant for research activities at the Department of Physics "Ettore Pancini" of the University of Naples Federico II.

I, the undersigned, fully aware of the criminal penalties provided for in Article 76 of Presidential Decree no. 445/2000 for false statements and forged documents,

### DECLARE

under my own responsibility, pursuant to Articles 46 and 47 of Presidential Decree no. 445/2000:

That I was born in \_\_\_\_\_ (province of \_\_\_\_\_) on \_\_\_\_\_;

That I am a citizen of \_\_\_\_\_;

That I hold a degree in \_\_\_\_\_, obtained on \_\_\_\_\_, from the University of \_\_\_\_\_, with a final grade of \_\_\_\_\_;

That I also hold the following qualification(s): \_\_\_\_\_;

That I also hold the following qualification(s): \_\_\_\_\_;

That I have no marital relationship, nor any familial or kinship relationship up to the fourth degree (inclusive), with any professor belonging to the proposing Department/Structure, nor with the Rector, the General Director, or any member of the University's Board of Directors;

I, the undersigned, also declare full acceptance of all the conditions specified in the public notice.

\_\_\_\_\_  
(date)

\_\_\_\_\_  
(signature)

Address to which any communications should be addressed (only if different from the residential address)