

# UMI PRIZE “PAOLO GRONCHI”

## REGULATIONS

To honor the memory of Paolo Gronchi, the Italian Mathematical Union (UMI) establishes the prize of the same name, funded by the Gronchi family.

### Art. 1 - Description of the Prize

The prize, in the amount of 5,000 euros, is awarded to scholars of any nationality who have provided original and high-impact research contributions in the field of geometric aspects of Mathematical Analysis. Particular reference is given to the research themes pursued by Paolo Gronchi during his scientific career, such as convex geometry in its many aspects, integral geometry, and geometric and geometric-functional inequalities.

- In the event of an *ex aequo* (joint) award, the prize will be divided into equal parts.
- The prize is announced biennially, starting from 2026, for at least 10 editions, until the exhaustion of the fund specifically established through the financing of the Gronchi family.

### Art. 2 - Participation Requirements

Mathematicians of any nationality who have not yet celebrated their fortieth birthday by December 31st of the year of the competition deadline are eligible to compete for the prize.

- In this calculation, the birth date of the candidates is conventionally postponed by one year for each child for whom parental leave of at least 5 months was taken, and for each leave due to health reasons of no less than 5 months.
- Leaves must be certified to be recognized.

### Art. 3 - Commission

The prize will be awarded based on the final judgment of a Commission designated by the UMI Scientific Commission. It is composed of three members: one proposed by the UMI Presidency Office, one by the "U. Dini" Department of Mathematics and Computer Science of the University of Florence, and one by Paolo Gronchi's family.

The Commission, which may also work electronically, will formulate a report containing the reasons for awarding the prize to the chosen winner.

The Commission may decide not to award the prize if no candidacy is judged sufficiently deserving, or assign it *ex aequo* in the presence of equally deserving candidates.

The Commission's decisions may be taken by a majority vote and, as regards their merits, they are final and beyond appeal.

### Art. 4 - Candidacies

Candidates for the prize, provided they meet the requirements of Art. 2, include:

1. All those who have submitted an application for participation pursuant to Art. 5.

2. Mathematicians nominated, pursuant to Art. 6, by UMI members or by scholars belonging to university structures, research institutions, and national or international scientific academies.
3. Any other deserving mathematicians freely identified by the Commission.

#### **Art. 5 - Applications for Participation**

Those intending to apply must send the application for participation along with the following documentation within the terms prescribed by the call, exclusively in electronic mode through the procedure indicated in the call:

- Curriculum vitae.
- List of all publications.
- List of the five most significant publications, with copies attached in electronic format.
- A cover letter (containing a concise description of the scientific contributions made in relation to the research themes of the call, as per Art. 1).
- Any documentation regarding the possession of the participation requirements referred to in Art. 2.
- A copy of an identity document.

#### **Art. 6 - Nominations of Candidacies**

Within the terms prescribed by the call, UMI members and scholars belonging to university structures, research institutions, and national and international scientific academies may propose nominations. These must be sent via the procedure indicated in the call, accompanied by all the documents required in Art. 5 (in this case, the identity document will be that of the proposer).

**Art. 7 – Call for Applications** The call for the competition will be published in the UMI Newsletter (*Notiziario*) and on the UMI website, promoting maximum national and international dissemination through any other available means. The deadline for submitting applications and nominations will be indicated in the call and will be at least 60 days after the date the call is issued.

**Art. 8 – Prize Presentation** The prize may be presented during the opening day of the UMI quadrennial Congress, during the annual UMI assembly following the proclamation of the winner, or during a significant scientific event dedicated to the themes of the prize and sponsored by the UMI. Any travel, food, and lodging expenses for the winners will be covered by the specific prize fund, according to the procedures established in the call, until the fund is exhausted.

**Art. 9** These regulations will remain in force at least until the fifth edition inclusive; subsequently, they may be revised with the approval of the Gronchi Family.