RULES AND REGULATIONS

L'ORÉAL–UNESCO FOR WOMEN IN SCIENCE INTERNATIONAL AWARDS
2019 EDITION

PHYSICAL SCIENCES – MATHEMATICS - COMPUTER SCIENCE

1. Introduction

Created in 1998, the *L'Oréal-UNESCO For Women in Science* International Awards identify and support eminent women in science throughout the world. Each year, five Awards Laureates are recognized for their contributions to the advancement of science, in Life Sciences or Physical Sciences, in alternating years.

For the first time, the 2019 edition of the Awards will designate five outstanding scientific researchers in the **Physical Sciences**, **Mathematics** and **Computer Science** working in the following regions:
-   Africa & the Arab States
-   Asia-Pacific
-   Europe[1]
-   Latin America
-   North America

One candidate will be selected for each of the five regions, the determining factor being the place of work, not the nationality of the candidate.

Each of the five Laureates will receive an award of €100,000.

2. Eligibility Criteria

The candidate must:
-   Be recognized for her personal scientific excellence among the international scientific community
-   Be actively involved in scientific research
-   Be involved in any field of the Physical Sciences, Mathematics or Computer Science mentioned in appendix 1
-   Not be directly or personally involved in the *For Women in Science* Programme, as a jury member or otherwise, in any country.

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[1]Including Israel

3. Selection Criteria

The selection criteria of the candidates are the following:
- The candidate's outstanding contribution to the general advancement of science,
- The impact of the candidate's body of work on the current state of her field of science (number, quality and impact of publications, conference presentations, patents…),
- The recognition of the candidate by peers within her community,
- The candidate's commitments to education through publications, teaching activities, mentoring, etc.

The *L'Oréal-UNESCO For Women in Science* Awards are non-renewable.

4. Nominations

Scientists around the world are invited to submit candidatures for the *L'Oréal-UNESCO For Women in Science* Awards.

To be considered eligible for an award, it is necessary to be nominated in writing by an eminent scientist. Self-nominations are not eligible, nor are nominations from immediate family members. Teams are not eligible for nomination.

Qualified Nominators:

The right to submit candidatures for the *L'Oréal-UNESCO For Women in Science* Awards shall, by statute, be enjoyed by:
- Heads of Universities or Scientific Institutions,
- Members of the Academy of Sciences or other National Scientific Institutions,
- Holders of research chairs,
- Permanent and assistant professors,
- Past *For Women in Science* Awards Laureates,
- At a minimum, nominators must be holders of a Ph.D.

Nominations can only be submitted electronically through the online platform www.forwomeninscience.com. If new to the system, the nominator will need to create a user id and password.

An application is considered complete only if it includes all of the following documents:
- A detailed Curriculum Vitae
- A brief explanation of why the nominator considers the candidate to be eligible for the *L'Oréal-UNESCO For Women in Science* Awards (200-400 words)

- A list of publications and patents, starting from the most recent
- The full text of the five most significant publications in order of importance with: a brief resume explaining their significance (less than 200 words), number of citations for each paper excluding auto-citations and the impact factor of each journal.
- Three to five letters of recommendation from eminent scientists outside the candidate's home institution.

Nominations that are incomplete or received after **June 29th 2018**, as well as candidatures that do not meet the requirements mentioned above, will not be taken into consideration.

Nominations are valid for two Awards cycles. Unsuccessful nominations submitted for the 2019 Awards in Physical Sciences, Mathematics and Computer Science will be held on file and nominators will be invited to update their candidates' information when the call for nominations goes out (in March 2020) for the 2021 Physical Sciences, Mathematics and Computer Science Awards.

5. Laureate Selection

• Peer review pre-selection

Through a peer review process, all submitted nominations will be examined by a panel comprised of experts from a variety of disciplines in Physical Sciences, Mathematics and Computer Science, who will pre-select the eligible candidates.

The peer review evaluates the eligible nominations and prepares a short list of no more than 50 candidates to be considered by the *For Women in Science* Jury in Physical Sciences, Mathematics and Computer Science.

• Jury selection

The *For Women in Science* Jury in Physical Sciences, Mathematics and Computer Science *is* chaired by a Fields medal winner and composed of distinguished members of the international scientific community.

The jury will evaluate the nominations pre-selected by the peer reviewers, in accordance with the selection criteria mentioned in Paragraphs 2 and 3.

For the jury deliberation, which will be held in September 2018 in Paris, the jury will review and discuss the best nominations for each region. The jury chooses the five Award Laureates by a majority vote. Its decision is final and without appeal. It cannot be contested or subject to explanation or justification.

The results will be communicated by phone to the Laureates at the end of the deliberation process, and remain confidential until the official announcement.

6. Laureates' commitments

Each Laureate will receive a €100,000 Award, which is presented personally to the Laureate, in recognition of her commitment and contribution to the advancement of scientific research.

The payment of the Awards will be made by the L'Oréal Foundation directly to the Laureates after the Award Ceremony, and after having received the necessary original documents for the wire transfer of funds.

The Awards are not transferable for any other purpose whatsoever.

The Laureates are invited to:
- Participate in the Awards ceremony and all the events (interviews, presentations, dinners, visits, and ceremony) organized in Paris in March 2019 around the "*For Women in Science* Week". Travel and full accommodation expenses during the Laureates' stay in Paris will be covered by the L'Oréal Foundation.
- Keep the announcement confidential until the official announcement, and not contact the media before that time.
- Be available for 5 days of photo and video shooting in their working environment.

The Laureates agree to be photographed, filmed and interviewed for non-commercial objectives and *For Women in Science* Programme-related purposes. These photos, videos and texts will be used in publications and audiovisual means including but not limited to written press, television, internet, outdoor display, corporate publications, exhibitions, in France and worldwide. The image of the laureates can be used for promotion of science among the younger generation, particularly young women. A separate written audiovisual authorization will be signed by each of the Laureates. The Laureates will not receive any remuneration for such promotional activity.

7. Provisional Timetable

Nominations opening date : **4th May 2018**
Nominations closing date : **29th June 2018**
Pre-selection by peer review : **July 2018**
Examination by the Jury : **August-September 2018**
Jury deliberation meeting : **27th September 2018**
For Women in Science week : **March 2019**

APPENDIX 1

MAIN PHYSICAL SCIENCE – MATHEMATICS - COMPUTER SCIENCE FIELDS

ASTRONOMICAL AND SPACE SCIENCES	EARTH SCIENCES	CHEMISTRY	MATERIAL SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCE
ARCHAEOASTRONOMY	ATMOSPHERIC SCIENCES	ANALYTICAL CHEMISTRY	CONDENSED MATTER	ACOUSTICS	LOGIC AND FOUNDATION	SCIENTIFIC COMPUTING
ASTROBIOLOGY	CLIMATOLOGY	BIOCHEMISTRY	CORROSION	ATOMIC PHYSICS	ALGEBRA	PROBLEM SOLVING ENVIRONMENTS
ASTROCHEMISTRY	GLACIOLOGY	CATALYSIS	CRYSTALLOGRAPHY	CHEMICAL PHYSICS	NUMBER THEORY	ADVANCED NUMERICAL ALGORITHMS
ASTRONOMICAL SPECTROSCOPY	GEOBIOLOGY	COLLOIDAL CHEMISTRY	METALLURGY	ELECTROMAGNETISM	AGGEBRAIC AND COMPLEX GEOMETRY	
ASTRONOMY	GEOCHEMISTRY	ELECTROCHEMISTRY	NANOSCIENCE	ELECTRONICS	GEOMETRY	COMPLEX SYSTEMS: MODELING AND SIMULATION
ASTROPHYSICS	GEOLOGY	ENVIRONMENTAL CHEMISTRY	POLYMER PHYSICS	FIELD AND PARTICLE PHYSICS	TOPOLOGY	
COSMOLOGY	GEOPHYSICS	INORGANIC CHEMISTRY	SOLID STATE PHYSICS	FLUID AND PLASMA PHYSICS	LIE THEORY AND GENERALIZATIONS	HYBRID COMPUTATIONAL METHODSWED
						WEB- AND GRID-BASED SIMULATION AND COMPUTING
EXTRAGALACTIC ASTRONOMY	GEOSCIENCE	MINERAL CHEMISTRY	SURFACE SCIENCE	MATHEMATICAL PHYSICS	ANALYSIS AND OPERATOR ALGEBRAS	
EXOBIOLOGY	HYDROLOGY	NUCLEAR CHEMISTRY		MECHANICS	DYNAMICAL SYSTEMS AND ORDINARY DIFFERENTIAL EQUATIONS	PARALLEL & DISTRIBUTED COMPUTING
GALACTIC ASTRONOMY	METEOROLOGY	ORGANIC CHEMISTRY		MOLECULAR PHYSICS		ADVANCED COMPUTING ARCHITECTURE & NEW PROGRAMING MODELS
OBSERVATIONAL ASTRONOMY	MINEROLOGY	ORGANOMETALLIC CHEMISTRY		NUCLEAR PHYSICS	PARTIAL DIFFERENTIAL EQUATIONS	
PLANETARY SCIENCE	OCEANOGRAPHY	PETROCHEMISTRY		OPTICS	MATHEMATICALS PHYSIC	VISUALIZATION AND VIRTUAL REALITY AS APPLIED TO COMPUTATIONAL SCIENCE
SPACE ARCHEOLOGY	PALEOCLIMATOLOGY	PHOTOCHEMISTRY		OPTOELECTRONICS	PROBABILITY AND STATISTICS	
STELLAR ASTRONOMY	PALEONTOLOGY	PHYSICAL CHEMISTRY		PHOTONICS	COMBINATORICS	APPLICATION OF COMPUTATION AS A SCIENTIFIC PARADIGM
THEORETICAL ASTRONOMY	PETROLOGY	SUPRAMOLECULAR CHEMISTRY		QUANTUM MECHANICS	MATHEMATICAL ASPECTS OF COMPUTER SCIENCE	
	PHYSICAL GEOGRAPHY	SUSTAINABLE "GREEN" CHEMISTRY		RELATIVITY	NUMERICAL ANALYSIS AND SCIENTIFIC COMPUTING	NEW ALGORITHM APPROCHES TO COMOUTATIONAL KERNELS AND APPLICATIONS
	VOLCANOLOGY	THEORETICAL CHEMISTRY		RHEOLOGY	CONTROL THEORY AND OPTIMIZATION	
		THERMOCHEMISTRY		SPECTROSCOPY	MATHEMATICS IN SCIENCE AND TECHNOLOGY	LARGE SCALE SCIENTIFIC INSTRUMENTS
				STRING THEORY		
				THEORETICAL PHYSICS		
				THERMODYNAMICS		