

The FMJH's ethical charter for sponsorship

PREAMBLE

The Fondation Mathématique Jacques Hadamard

Since its creation in 2011, the Fondation Mathématique Jacques Hadamard (FMJH) has been working to promote mathematical **excellence** in a **humanistic** spirit, in the service of the universality of science and the economic progress of our country. **Open** to the outside world, the foundation fosters the emergence of young talent from all horizons, and the development of interfaces with the socio-economic world. It ensures the **cohesion** of the mathematical community within the Paris-Saclay perimeter by mobilizing it around a common training and research project. **Excellence, openness, humanism and cohesion** are the values promoted by the FMJH.

A foundation that federates a scientific community

In line with the wishes of its founding members and the objectives set out in its founding project, the FMJH federates the mathematical community of the Paris-Saclay perimeter (taken in its broadest sense). It also plays a key role on the national scene, taking part in a number of initiatives alongside mathematical players such as the CNRS to support international research networks. It also contributes to the organization of national events such as the Forum Emploi Maths, which promotes links between mathematics and business.

Under the impulse of the FMJH, the mathematical community of Paris-Saclay has united around two federating projects for training through research, namely the "mathematics and applications" master's degree and the Hadamard mathematics doctoral school, which are now co-accredited by Université Paris-Saclay on the one hand, and the Institut Polytechnique de Paris on the other.

More than 1,000 students (two-thirds at master's level and one-third at doctoral level) study mathematics in this area, where more than 600 mathematicians hold permanent academic positions.

The FMJH federates research and graduate training (master's and doctorate) in mathematics across this vast area, enhancing their international visibility. Mathematics is world-class here, as shown by a number of indicators, such as the ARWU ranking, known as the "Shanghai ranking", which placed the University of Paris-Saclay in first place worldwide in mathematics as soon as it appeared in the ranking in 2020.

How FMJH works

From a functional point of view, the FMJH implements its actions through a certain number of scientific programs and relies on the mathematical community within its perimeter to animate them. The FMJH management sets a financial framework for each of its programs. Each program uses this financial envelope to support scientific activities or open calls for projects. A scientific manager, supported by a program committee, coordinates the scientific activities, while the winners of the open calls for projects are selected by a jury, the choices being validated by the FMJH steering committee. The jury is appointed by the management of the FMJH, but its work is carried out in complete independence.

Why sponsorship ?

The FMJH's scientific policy is based on two main pillars: excellence and international scientific visibility, on the one hand, and the relationship between mathematics and the socio-economic world, on the other. This policy is discussed by the Scientific Council, which includes representatives (elected or appointed) from the FMJH's founding and associate member laboratories, as well as international experts representing the various branches of mathematics.

Since its creation, the FMJH has been financed by the public authorities through the "investissement d'avenir" program, and since 2018 has had the status of a partnership foundation. It is now seeking to attract other sources of funding in order to expand the scope of the actions it undertakes, in particular to bring the worlds of academic research and business closer together.

The charter

The purpose of this charter is to define the rules and values that the FMJH intends to share with its sponsors.

Commitment

By signing the charter, the FMJH and its sponsoring partners undertake :

- to share and promote the values of the FMJH
- respect the principles and rules set out in this charter
- to serve the general interest
- to contribute to the development of mathematics education and research, by encouraging the dissemination of knowledge and spin-offs within companies.

Targeted sponsorship

Appendix 1 of the charter sets out the programs that the FMJH is promoting today. This is not a closed or restrictive list, but rather a concrete illustration of the FMJH's commitment to a simple objective: to ensure that the excellence of research and training in mathematics within the Paris-Saclay perimeter enables the emergence of the best young talent, while respecting social and gender diversity, and ensuring that some of this talent finds its way into companies.

Evolution dynamics

The FMJH has set up a strategic think-tank to achieve this objective and give its sponsorship a new lease of life. Made up of representatives of companies and public administrations invited by FMJH management to sit on the group according to current issues, this think-tank enables dialogue between the socio-economic world and the academic world, represented on the think-tank by program managers and FMJH management itself. In particular, suggestions for topics considered to be major scientific hurdles can be identified, which can then feed into calls for projects for the FMJH's scientific programs. Consideration can also be given to the match between high-level training in mathematics and the expectations of the socio-economic world. Eventually, the list of programs promoted by the FMJH as part of its patronage may evolve in line with the advice given by the FMJH's Scientific Council and the strategic think-tank.

1. RULES AND DEFINITIONS

For the purposes of the present charter, sponsorship refers to donations for which the donor benefits from the tax provisions of law no. 2003-709 of August 1, 2003 on sponsorship, associations and foundations, codified in the French General Tax Code, in particular art. 200 (private/individual donors) and 238bis (corporate sponsorship). This law improves the tax regime for corporate philanthropy, providing companies and individuals with increased tax benefits.

The sponsorship

Sponsorship is "material support given, without direct counterpart on the part of the beneficiary, to a work or person for the exercise of activities of general interest".

Sponsorship is therefore a philanthropic, disinterested act, which takes the form of a donation to a project of general interest or public utility (culture, solidarity, environment, research, etc.).

Sponsorship implies a "marked disproportion" between the value of the donation and the rewards granted to the sponsor.

Sponsorship can take three forms:

- Financial sponsorship: a cash donation, valued at the amount of the donation.

- Sponsorship in kind: donation of goods or services. Technological sponsorship is a specific form of in-kind sponsorship, involving the mobilization of the donor's technology for the benefit of a project of general interest. Sponsorship in kind must be valued at net book value for goods entered in the company's assets, on the basis of a detailed operating account certified by the donor.
- Skills sponsorship: provision of human resources by the company during working hours, free of charge. It is valued at the cost price of the service provided.

The donator

The term "donor" is used hereafter to refer to any natural person who makes a donation to the FMJH, whether in the form of a gift (manual or notarized), a bequest or a will (where applicable, allowing the donor to benefit from the tax provisions of law no. 2003-709 of August 1, 2003 on sponsorship, associations and foundations, codified in article 200 of the French General Tax Code (CGI) and its implementing decrees).

2. TERMS OF APPLICATION OF THE CHARTER

The FMJH undertakes to respect the code of ethics set out in this charter with regard to both private and corporate sponsorship. It undertakes to demonstrate transparency in the use of allocated funds. It undertakes to keep sponsors and donors regularly informed of the progress of the projects it supports.

When the FMJH organizes a fund-raising campaign aimed at private individuals, it draws up and sends a tax receipt (Cerfa form 11580*03) to the patron.

When the FMJH organizes fundraising directly with companies, this cooperation is formalized by a sponsorship agreement, which adopts the present charter as a general framework and which specifies the particular terms of the said collaboration (see attached standard agreement). A tax receipt is also sent to companies once the donation has been made.

3. RULES FOR SPONSORS AND DONORS

The FMJH undertakes to ensure that no sponsorship action is contrary to the laws in force in France.

The FMJH may receive donations from individuals, companies or foundations established in France or abroad. For companies that do not have an establishment in France, the legal provisions governing reciprocity are those of their country of origin.

Any natural person can become an individual donor to the FMJH, whatever their nationality or the amount of their donation.

Independence of the FMJH

The FMJH is keen to hear the views of its patrons on the actions it undertakes and the projects it supports. Naturally, these exchanges can continue at the finer level of each program. For example, the head of a program can seek the opinion of a patron by involving him or her in the program committee's discussions, in any way he or she sees fit. However, the patron's voice must remain consultative, and the FMJH rejects any possible demands by a patron to influence the content (intellectual, scientific, technical, etc.) of one of the projects supported, or the players the project could mobilize.

The FMJH manages the funds generated by sponsorship with complete independence and autonomy. It undertakes to use the full amount of the donation. If the financing needs of the initial project have been covered, or if the nature of the project has changed, the FMJH will endeavor to reallocate the amount of the donation to a new project, in agreement with the patron. In any event, the individual patron will not be entitled to request the return of all or part of his or her donation, and will be informed by the FMJH of the new arrangements for the allocation of his or her donation.

Restrictions on the choice of sponsors

As sponsorship is based on the principle of an association of images, the FMJH reserves the right to refuse the donation of certain donors if there is a current or future risk of damage to its image, to that of the establishments whose training and research activities it supports, or to that of its other donors.

The FMJH reserves the right to refuse any donation or bequest if there is any doubt as to its legality or origin, and may carry out any investigations likely to shed light on the exact nature of the potential sponsor's activities, and the way in which the latter is perceived by the sector in which he or she usually carries out his or her activity. It also checks the legality of the activity or the situation with regard to the tax authorities. In such cases, the FMJH will refuse the donation in question.

4. THE COUNTERPARTS

The FMJH may grant sponsoring companies and foundations compensation in the form of communication, public relations or scientific information, within the limits set by the French tax authorities (BOI-BIC-RICI-20-30-10-20 n° 120 et seq.). In any event, the value of these benefits will be clearly disproportionate to the amount of the donation.

The FMJH typically grants sponsoring companies and foundations :

- mention of the sponsor's name or logo on various media presenting the project supported and carried out thanks to the donation,
- premium access to key scientific events organized by the FMJH,
- privileged exposure of offers made by patrons on the platform set up by the FMJH on its website to advertise internship, thesis and recruitment opportunities,

- the participation of employees or partners of the sponsoring company, foundation or association in activities or conferences designed to raise awareness and understanding of "sponsored" projects,
- Involvement of a project sponsor in a conference or awareness-raising event within the sponsoring company.

5. COMMUNICATION BETWEEN FMJH AND THE DONOR

The FMJH and its donor undertake to respect mutual information and strict conciliation on the nature and form of communication made around the donation concerned.

Any communication operation involving a simultaneous reference to the FMJH and its sponsor must be validated by both parties and stipulated in the sponsorship agreement.

The donor shall submit to the FMJH for express prior approval any form and medium of communication concerning the donation.

The FMJH will respect each donor's wish as to whether or not to mention his or her donation on the various paper or digital communication media.

As far as possible, it will mention in the agreement the documents on which the sponsor's name or logo will appear.

6. TRANSPARENCY

The FMJH will submit to its Board of Trustees, on a regular basis, a report on the support actions carried out by companies and associations on its behalf. It undertakes to make available to members of the Board of Trustees, at their request, details of the benefits obtained by a sponsor company, association or foundation, subject to the latter's compliance with any confidentiality agreements entered into. In addition, an annual donor appreciation day will be organized, during which a presentation will be made of the actions carried out within the programs supported by the sponsors.

7. APPLICATION OF PROPOSITIONS

All the provisions of the FMJH's Ethical Charter take effect from the date of signature of a donation.

APPENDIX 1

Programs highlighted by FMJH

FMJH Care Program

With the Sophie Germain program, the FMJH has been offering excellence scholarships for over ten years to attract the best mathematical talent to the Paris-Saclay campus. With "FMJH Care", the foundation aims to complement this program by paying attention to social diversity and parity in addition to excellence. A number of initiatives have been launched in this direction, and others will follow depending on the success of the program: incoming mobility grants for male and female students at Bachelor's or Master's level, based on excellence and social criteria, and help in setting up mentoring programs for young women in the L3 mathematics courses within the perimeter.

MathTech Program

While academic research naturally attracts young PhDs in mathematics, there are many other career prospects for PhDs in mathematics today, both in business and in the public sector. The aim of this program is to raise awareness and better prepare PhDs or future PhDs in mathematics for their professional future, whatever that may be. The program is divided into a number of components to suit the different stages of research training.

MathTech gap years

The aim of the program is to offer students enrolled in a master's or doctoral degree in mathematics within the Paris-Saclay area an opportunity to enter the digital world. The program offers financial assistance to enable students to take CentraleSupélec's DigitalTech Year (DTY) program during their gap year. The gap year can take place between M1 and M2, or during the doctorate.

The testimonials of those who have taken part in the DTY program attest to the richness of the experience they have acquired, and the openness the program has given them in terms of their ability to apply their mathematical knowledge to digital professions.

MathTech training track of EDMH

This new transversal training track, labelled MathTech, was launched at the start of the 2022 academic year by the Ecole Doctorale Mathématique Jacques Hadamard (EDMH). The new course is the fruit of over a year's work with the FMJH strategic think-tank, made up of representatives from companies of all sizes and characteristics, as well as with EDMH management and the doctoral students themselves. The aim of this program is to better prepare doctoral students in all branches of mathematics for their professional future, particularly outside the academic research sector. The highlight of the program is a week-long mathematics/company challenge. The challenge is based on the tried-and-tested SEME recipe proposed by AMIES, with the addition of debriefing sessions with non-mathematical specialists.

MathTech meetings

The post-doctoral component of the MathTech program is still under development. Discussions within the FMJH's strategic think-tank will focus on actions that could prove effective for post-docs. The "MathTech Encounters", which saw mathematicians talk about their career paths to an audience of PhD students and post-docs at a day-long event organized in January 2023 at IHES, will clearly be one of the initiatives to be developed, but others will undoubtedly be necessary. Among them, the idea of post-doctoral contracts within an academic laboratory on a subject identified as crucial by a company has already been tested and should be developed in the future.

PGMO

This structured program, called Programme Gaspard Monge pour l'Optimisation, la recherche opérationnelle et leurs interactions avec les sciences des données (PGMO), was the result of a joint initiative with EDF in 2012. Like all the other initiatives highlighted in this charter, the actions planned under this program are open to all FMJH patrons. They are of three types

1. Scientific activities: organization of conferences, seminars and guest lectures, invitations to experts, thesis prizes.
2. Call for Mathematical Research Projects in Optimization (PRMO) and its interaction with data science. This is a "white" call in the sense that all research topics are eligible as long as they relate to optimization (in the broadest sense).
3. Calls for projects based on Research Initiatives recommended by the Strategic Think Tank. Each call highlights a list of topics defined by the program committee. The aim is to encourage collaboration between academic and business researchers in a given field of activity, in order to remove scientific barriers. Project leaders should therefore highlight the creation of "mixed" working groups (in the sense defined above) in their applications.