



Call for application submissions 2018

The International Théophile Legrand Textile Innovation Awards

- The 2018 "International **Théophile Legrand Textile Innovation Awards**" will be presented on **Thursday, March 15, 2018** at 10:30 a.m. at the Conference Centre "Capital 8", 32 rue de Monceau, **Paris** (F - 75).

Candidates have until January 26, 2018 at midnight to submit their applications!

Contact:

> **Phone:** + 33 (0)1 47 56 31 48 and + 33 (0)1 47 56 31 49

> **Email:** prixtheophilelegrand@textile.fr

The 2018 International Théophile Legrand Textile Innovation awards
UIT

37-39, rue de Neuilly – BP 121 – 92582 Clichy Cedex - France

Web site: www.theophilelegrand.com

The International Théophile Legrand Textile Innovation Awards: Call for application submissions 2018

The International Théophile Legrand Textile Innovation Awards was launched in 2009 in Fourmies (France - Nord) by **Dominique and Christian Cambier**, founders of the Théophile Legrand Foundation.

In its ninth year, The International Théophile Legrand Textile Innovation Awards are being held under the auspices of the Fondation de France and coordinated by the Union des Industries Textiles (UIT), the union of textile industries, the employers' association representing the diversity of French textile sections and regions. This year, two prizes of € 8,000 and € 7,000 will be presented to those textile projects considered to be the most innovative.

Candidates must be from a textile engineering school or from a university. To qualify, the project should not yet have been commercialized. Candidates have **until January 26, 2018 at midnight** to submit their applications.

- The International Théophile Legrand Innovation Textile Awards 2018 will be presented on

**Thursday March 15, 2018 in Paris at 10:30 a.m. at the
Conference Centre "Capital 8"
32 rue de Monceau 75008 Paris -France.**

Criteria for selecting candidates

The inventors of new textile fibres or new textile production processes must demonstrate creativity, originality and innovation in the design of their project. Transferability to the industrial process is mandatory. The innovation must be made feasible and reproducible in reasonably profitable conditions. Its functionality and usefulness must be recognizable or easily identifiable.

120 candidates from 31 different countries since the creation of the Prize in 2009

Since their inception, the Théophile Legrand Innovation Textile Awards have become the world's leading awards in this domain. They are the best endowed in the field of Textile Innovation. Over the years so far, 120 candidates have applied from 29 different countries (USA, China, Great Britain, Italy, France, Germany, Belgium, Pakistan, Lithuania, Turkey, Morocco, Egypt, New Zealand, Thailand, Bangladesh, India, Romania, Mali, Tunisia, Syria, Republic of Kazakhstan, Hungary, etc.). These candidates have been from the 27 largest universities, engineering textiles schools or textile research laboratories in Europe, Asia and North America.

An international reference

In nine years, this award has become a reference for major international textile engineering schools and professionals from the textile industry. Giving rise to viable products, to win this award constitutes important international recognition on the CV of a selected candidate and a winner. Several of them have seen their inventions enter the initial industrialization phase or commercialisation by subcontractors in the automotive and aerospace sectors or by significant players in the textile industry.

From smart to luminous textiles, from "self-cleaning and antibacterial" fibres to "obstacle detecting" clothes, not to mention a prosthetic "valvular stent" in textile fibre and the creation of a new method of wool dyeing, the International Théophile Legrand Innovation Textile Awards have so far introduced processes, in some cases revolutionary ones, which have given rise to applications in many areas: medical, military, sporting, aerospace, automotive, luxury ready to wear, sustainable development, support for the disabled and so forth.

For further information:

Tél : + 33 (0)1 47 56 31 48 ou + 33 (0)1 47 56 31 49 - E-mail : prixtheophilelegrand@textile.fr

Prix International Théophile Legrand de l'Innovation Textile – UIT – 37/39, rue de Neuilly - BP 121 – 92582 Clichy Cedex - France

Website : www.theophilelegrand.com

Past winners of the International Théophile Legrand Textile Innovation Awards

2009



2010



2011



2012



2009

1st Prize: Aurélie Cayla (France) for the invention of a "smart" specific temperature sensor textile

2nd Prize: Christelle Reti (France), creator of a new "fire retardant" textile which has been used since by the French army.

2010

1st Prize: Gauthier Bedek (France), creator of a "self-refreshing" textile which has been marketed since by Damart.

2nd Prize: Mohamed Abounaim (Bangladesh), inventor of a new shockproof and acoustic insulation textile.

2011

1st Prize: Munir Ashraf (Pakistan), creator of "self-cleaning" and "antibacterial" textile.

2nd Prize: Senen Kurşun Bahadır (Turkey) for his invention of the "obstacle detector textile "

2012

1st Prize: Pierre-Alexandre Bourgeois (France), creator of a decontaminating textile (to treat air and water)

2nd Prize: Mohamed Kechiche Bouraoui (Tunisia), inventor of a piezoelectric and pyroelectrical sensor / effectors filament, integrated in different textile structures



Prize 2013



Prize 2013



Prize 2015



Prize 2015

2013

1st Prize: Coralie Marchand (France) Development of a "valve stent" textile fibre prosthesis.

2nd Prize: Fern Kelly (New Zealand) Creating a new colouring method for wool, using gold and / or silver nanoparticles.

2015

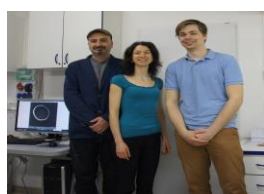
Textile Innovation Award at Industry Service: Doctor Ludivine Dumont- Meunier (France) > Creating based inks of a molecule close to the bovine hemoglobin for different textile materials

Textile Innovation Award in Human Service: Gad Sabbatier (Canada / France) > Creator of a controlled degradation Nano- textile for organ regeneration

2016



Prize 2016



Prize 2016

Textile Innovation Award at Industry Service: Adil Mountasir (Germany - 38 years) > Development of a new industrial process for weaving flexible integrated manufacturing of 3D woven preforms for fiber reinforced components with complex geometries

Textile Innovation Award in Human Service: Jana Horakova (Czech Republic - 29 years) > Creator of a textile fiber dual vascular graft of small diameter in layers.

The 2017 Winners

Invention of a absorbable textile bioprosthesis for breast reconstruction



Winners 2017 of the International Théophile Legrand Textile Innovation Awards:

Julien Payen – 34 years (French)

Doctor of Ecole Nationale Supérieure des Arts et Industries Textiles (ENSAIT)

Manager of start-up « LATTICE MEDICAL »

Projects Director at UP-tex Cluster in Tourcoing

Doctor Pierre-Marie Danze – 59 years (French)

Doctor of Life Sciences and Health at University of Lille I

Director of « Research and Cellular Biology » Master

Biologist and Co-leader at tissue Bank at CHRU of Lille

And the researchers team of CHRU in Lille

Dr. P. Guerreschi: plastic surgeon :

Dr. A.S. Hatzfeld and **P. Marchetti:** biologists

Surgical treatment of serious pathologies, such as cancer, sometimes leads to extensive removal of the invaded anatomical region. This concept is particularly well known in breast cancers that require the removal of the breast or breasts, an operation also called mastectomy.

Breast loss or deformity significantly alters the body image and the patient's perception of herself. To remedy this, a breast reconstruction is proposed. It is an integral part of the management of breast cancer.

This project proposes an innovative, original and useful solution of breast reconstruction using an "absorbable textile bioprosthesis". It combines a set of innovations that aim to help, through an absorbable textile prosthesis, the body to rebuild injured regions, following curative surgical

Regulations of the 2018 International Théophile Legrand Textile Innovation Awards

ARTICLE 1 – AIMS AND OBJECTIVES

Following the establishment of the Théophile Legrand Foundation in 2007 by **Dominique and Christian Cambier**, The International Théophile Legrand Innovation Textile Awards has annually awarded a prize for original contributions to textile innovation since 2009. In 2018, the International Prize Théophile Legrand Innovation Textile is under the aegis of the **Fondation de France** and under the patronage of the **Union des Industries Textiles (UIT)** who assumes the coordination as well.

Two prizes of € 8,000 and € 7,000 will be awarded to a doctoral researcher or engineering student or a team of researchers capable of inventing the textile of tomorrow for the original creation of a textile fiber, a fabric or new processes of industrial textile production, from the manufacture of the yarn to new methods of assembly. **Candidates may submit research work in progress.**

Entrants are permitted to submit current work in progress. By enlightening technical or industrial creations, the aim of the prize is to facilitate and support innovations in the textile industry and research, capturing the spirit of imagination and competition.

We define textile innovation as: What defines the creation and invention of a new product, either a new application, configuration or amendment to an already existing product with the use of supple materials or advanced textiles. The product will open markets and be of commercial value through responding to consumer and business needs appropriately as far as textile innovation and advancement is concerned. We define a 'supple material' when possessing flexible properties which can be easily manipulated, bent and folded without breaking.

An innovative textile design project can be submitted for consideration if the entrant or team of researchers is able to prove that the project, product and the invention of newly used elements are of their own work. Selection criteria are the same for inventors of new textile fabrics as well as those innovators of new processes of textile production. To this effect, all entrants are judged on their creativity, originality, innovation to the field and the project's ability to be industrially reproduced.

ARTICLE 2 - ORGANISATION

The 2018 International Théophile Legrand Innovation Textile Awards is organized by the Théophile Legrand Foundation, under the aegis of the **Fondation de France** in Paris and under the authority of the **Union des Industries textiles (UIT)**, Employer Association representing the diversity of branches and French textile regions (Clichy – 92110 - France) and who assumes the coordination as well

It is eagerly supported by **AUTEX** (Association of Universities for Textiles - Pakistan / Australia/ Europe / China / USA / Russia / Japan /); The Organization of Technical textile Manufacturers of France and Belgium (**CLUBTEX**) ; **IFM** (The French Institute of Fashion) ; **IFTH** (French Institute of Textiles and Clothing), **Clusters French textile competitiveness of the European Technology Platform of Textiles and clothing, textile engineers French schools** (GEMTEX laboratories, Roubaix ; ENSAIT in Roubaix ; HEI - School of Engineering, Lille ; The Institute of Technology and Chemistry, Lyon ; and the National College of Engineers, Sud Alsace) ; the Department of Textile, Gand University, Belgium and the **eco-museum of Avesnois** (French – Fourmies – 59).

ARTICLE 3 – SELECTION CRITERIA

The following are **not eligible** for consideration: Winners of the Théophile Legrand Prizes of previous years, members of the organisation committee, laboratories or organisations involved in or sitting on the judging panel.

There are four stages to the process:

- 1 - Verification of a candidate's eligibility by the coordinator before **January 26, 2018 at midnight**
- 2 – Preselection of candidates by a committee of experts chaired by the Union des Industries Textiles, with support of IFTH, in **February 2018**
- 3 - Selection of 2 winners by the jury chaired by Dominique and Christian Cambier on **February 19, 2018**
- 4 - Validation of the 2 winners by the Board of Théophile Legrand Foundation in March 2018.

Applications by Email only must be submitted before January 26, 2018 at midnight to:

prixtheophilelegrand@textile.fr

Following submission, the coordinator of the 2018 Prize (UIT) will email back a confirmation of receipt notification.

All additional documentation that cannot be scanned must be posted to the following address:

To be considered, candidates must respect the following criteria:

- This international competition is open to researchers, postgraduate researchers (PhDs) and Masters Students.
- The idea / invention proposed must be feasible and able to be reproduced under realistic conditions. Its purpose and function must be recognised or easily identifiable.
- To be accepted, the proposed project should not be commercialized.
- It is imperative that candidates maintain a high standard of submission of application both in the quality of images and in the formatting of documents (photographs, presentations etc...).
- Entries can be from an individual candidate or a researcher team. (5 pages minimum and 15 pages maximum with appendix included).

Textile projects should meet the following criteria:

- Be original.
- Be innovative.
- Marketable

If a prototype exists, it must be presented at the prize-giving ceremony.

ARTICLE 4 – CANDIDATES’ APPLICATION DOSSIER

Dossiers are to be submitted in French or English. The following information must be included at the bottom right hand corner of each page: Candidate’s name / The name of the project / The 2018 International Théophile Legrand Innovation Textile Awards.

Every application dossier must include the following documents:

- Cover letter
- An extended CV of the candidate with photo.
- The name of the invention by the Candidate.
- Comprehensive list of all previously achieved works and / or research projects (max. 5 pages).
- Photos, illustrations or videos illustrating the project.
- Contact details for all businesses or partners associated / affiliated with the development of the design and / or prototype.
- A letter of guarantee, certificate of authentication of the project signed by the laboratory manager
- If applicable, a list detailing all publications of already completed works / projects (articles, etc...)

ARTICLE 5 – COMPOSITION OF JUDGING PANEL

Winners are decided by a jury composed of representatives of the Théophile Legrand Foundation - Institut de France, the Union des Industries Textiles (UIT), the French Textile and Clothing Institute (IFTH), the French Institute of Fashion (IFM) and experts in the field of research, industry and textile innovation.

ARTICLE 6 – JUDGES’ DECISION.

Participation in this international competition confirms an understanding and acceptance of the current terms and conditions as well as acceptance of the Jury’s selection criteria as outlined in Article 2.

The selection committee will be meeting **on February 19, 2018 in Paris.**

The decisions of the Jury are subject to the approval of the Foundation’s Board of Directors

The Board of Directors will convene beginning of March 2018. The decision of the Board, Judges and experts is final and the board does not have to justify his decision.

The winners will be announced in writing 48 hours after the deliberation and will be transferred to candidates and partners of the 2018 International Théophile Legrand Innovation Textile Awards.

ARTICLE 7 – TOTAL VALUE OF PRIZES

The 2018 International Théophile Legrand Textile Innovation Awards: 2 prizes of € 8,000 and € 7,000 €.

The winner or the winning team is entitled to avail themselves freely of the prize which will be awarded to him and which is intended to promote the notoriety of his project.

The prizewinner or the winning team must undertake to include in any form of communication related to its project, for at least 2 years, the mention: "Prizewinner of the Théophile Legrand Foundation, under the aegis of the Fondation de France".

ARTICLE 8 – PRESENTATION OF PRIZES

The 2018 International Théophile Legrand Innovation Textile Awards will be awarded on **Thursday March 15, 2018** at 10:30 a.m. at the "Capital 8" Conference Center, 32 rue de Monceau in Paris (75008) - France.

The winners or the winning teams agree to be present on March 15, 2018 in Paris to receive the Prize with presentation of the research project, using a multimedia support.

ARTICLE 9 - COMMUNICATION – THE MEDIA AND DISTRIBUTION OF INFORMATION

Candidates take full responsibility for the accuracy of all information provided through the course of their project and the work they produce and may be subject to a demand of justification by members of the judging panel. Candidates must declare that they are the authors and owners of the work. The Foundation reserves the right to engage in media coverage of the prize, particularly through the press.

Candidates will give permission in advance for the Fondation Théophile Legrand to use their name and to publically present their projects, using whatever means the Foundation sees appropriate, including public exhibitions and promotional information in relation to the prize, excluding the additional future opportunities and subsequent rights of the prize winner resulting from the prize award as detailed in article 7.

For the purposes of the competition, candidates waive all copyright of, and agree to the distribution of, any photographs and videos taken at the award ceremony. Winners agree in advance to the Fondation Théophile Legrand reporting on the projects as detailed in their application dossier. Which means, candidates must expressly inform the Foundation of any documents or information that they want to remain confidential. The organisers accept no responsibility for any claims made by a third party.

ARTICLE 10 - CONFIDENTIALITY

All content of documentation received by the candidate as well as discussions pertaining to the decision making of the judging panel will remain strictly confidential. The judging panel together with any person who has received any information pertaining to the candidate's project will treat the information in the strictest confidentiality particularly as far as specific details and content of the concerned project. . All members of the judging panel will sign a clause of confidentiality.

ARTICLE 11 –INTELLECTUAL PROPERTY RIGHTS.

Candidates remain the sole owners of any project entered for consideration in this competition. Ultimate responsibility concerning the protection of their projects remains with the candidate. Candidates will ensure that they take all appropriate action to protect the intellectual property of the work they submit to the competition. The Foundation will accept no responsibility in the event of any loss of intellectual property in relation to a candidate's project / innovation.

Intellectual property rights pertaining to the creation, concept or inventions included in the application dossier remains the exclusive property of the candidates. The judging panel and competition organisers will not be held responsible for any publication of a candidate's protected work by a third party or by the candidate.

Candidates solemnly swear to be the owners of the copyrights attached to their projects and will be able to demonstrate these rights to the organisers of the 2018 International Théophile Legrand Innovation Textile Awards if these rights are brought into question at any stage of the competition.

ARTICLE 12 – LOGISTICS

The winners or the winning teams with an accompanying person of their choice will receive a package of € 250, from the coordinator of the competition, for hotel expenses in Paris (1 night).

ARTICLE 13 – LEGAL OBLIGATION

Protection of personal information: all participants are advised that all personal information provided is correct and is necessary for successful entry to the competition. Participants should be aware that any information provided will be verified by the competition organisers.

As stipulated in Article 27 of the Freedom of Information Act (No. 78-17 – January 6th, 1978), participants have the right to access and correction of any personal information in writing to the coordinator of the 2018 International Théophile Legrand Innovation Textile Awards. A full copy of all rules and regulations pertaining to the competition is housed at the Fondation de France in Paris. These rules and regulations are available in full of the coordinator of the Prize, or by visiting website at: www.theophilelegrand.com
This present Prize is subject to the French Law.

ARTICLE 14 - MODIFICATION AND CANCELLATION

The organisers reserve the right to modify or cancel the 2018 International Théophile Legrand Innovation Textile Awards due to unforeseen circumstances or because of external circumstances to the Prize and beyond its control without prior notice. Organisers will not be held responsible for the loss of any information via post or in email, problems in getting information / dossiers to the Foundation or any lapses on the candidate's part that would prevent them taking part or that would necessarily limit their participation (such as, for example, internet failure, messaging failure).

ARTICLE 15 – CANDIDATE'S RESPONSIBILITY

All candidates accept and agree to abide by all the above terms and conditions.

Under the aegis of

Fondation de France
Services des Fondations

Phone : + 33 (0)1 44 21 31 00

Postal Address :

40 Avenue Hoche – 75 008 Paris - France

Web site : www.fondationdefrance.org



**Fondation
de
France**

Patronage and Coordination

Emmanuelle Butaud-Stubbs

Delegate General of Union des Industries Textiles



Co-ordinator:

Hubert du Potet, Director of Intellectual Property and Communication

Attended by Estelle d'Ortoli

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Postal Address:

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Site Internet: www.textile.fr

Partners of the the 2018 International Théophile Legrand Textile Innovation Awards

Ecomusée de l'Avesnois

Postal Address: Place Maria Blondeau, 59 612 Fourmies Cedex

Tel: + 33 (0)3 27 60 66 11 / **Email:** contact@ecomusee-avesnois.fr



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Web site : www.theophilelegrand.com

Photos : Paul Schuler / Ecomusée de l'avesnois