

Invitation and conditions for participation in the **14th Techtex**til Contest **‘Textile Structures for New Building 2017’**

Register by 26 February 2017 at

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The Competition

In 2017, Techtex^{til} – International Trade Fair for Technical Textiles and Nonwovens is organising the 14th *'Textile Structures for New Building'* contest. As in the years before the international association TensiNet is supporting the contest as a sponsor with prize money amounting to €8,000. Furthermore the contest will be medially accompanied and supported by our media partner Architonic.

Prof. Dr. Dr. E.h. Dr. h.c. Werner Sobek, director of the Institute for Lightweight Structures and Conceptual Design (ILEK), University of Stuttgart, will be responsible for the professional and technical supervision of the competition.

We cordially invite all students and young professionals (born after 1 March 1988) of architecture and civil engineering, product design, or any other relevant subjects, to apply.

This competition is designed to identify innovative thinking and innovative solutions to problems, featuring construction projects capable of concrete realisation which use textiles or textile-reinforced materials. A further aim is to encourage students and new entrants to the professions. The competition is further intended to strengthen contacts between the younger generation, the universities, the technical-textiles industry and broad sections of the building industry.

Participation in the *'Textile Structures for New Building'* contest presented by Techtex^{til} 2017 offers you a number of opportunities. Winner benefits will include

- presenting your project to about 42,000 visitors from 102 countries in the special contest area at Techtex^{til} 2017 in Frankfurt;
- attending Techtex^{til} 2017 in Frankfurt including overnight accommodation;
- an invitation to the award ceremony during Techtex^{til} 2017;
- winning one of the cash prizes from the total pay-out of €8,000;
- establishing contacts within the technical-textiles industry as well as broad section of the building industry; and
- speaking with representatives of trade media from around the world.

For all information regarding the contents, scope and format of the documents to be submitted please refer to the relevant sections on the following pages.

We look forward to a large turnout of students and young professionals who wish to master this fascinating challenge!

Assignment

The assignment for students and young professionals participating in the 'Textiles Structures for New Building 2017' contest which will be presented at Techtex^{til} 2017 is to create solutions in the following areas of textile building.

- Structural engineering – from construction using textile-reinforced concrete or plastics to construction using membranes for permanent and temporary, adaptable and mobile buildings
- Interior construction – including such developments as the use of polymer fibre-optic cables for light transmission, textile air-channel systems for draught-free air conditioning in rooms, movable sound-insulation walls in production facilities, etc.
- Product design for architecture
- An additional focal theme has also been included: 'Suitability for re-use and recycling'
- Civil and industrial engineering

The subject of the project submitted is a free choice.

The deadline for uploading your contact data and project details online at www.techtex^{til}-student.com is 26 February 2017. Every project eligible to participate in the contest will be allocated a project number and log-in data to use in later steps.

An international, independent jury will review all entries and select the winners of the contest. The uploaded documents will be the basis on which the independent jury will select the winning projects to be presented to the public during Techtex^{til} from 9 to 12 May 2017 in Frankfurt.

When selecting entries, the jury mainly will take into account these criteria:

- Feasibility and practicability
- Use of textile and innovative materials
- Level of innovation
- Aesthetics / Design approach
- Ecological quality / Resource efficiency (e.g. energy efficiency)
- Functionality
- Economic quality (cost minimization / time and process optimization)

Messe Frankfurt Exhibition GmbH will notify you of whether your project has been selected by the jury presumably in March 2017. The award winning projects will be exhibited and win one of the cash prizes from the total pay-out of €8,000, sponsored by TensiNet.

Course of contest

Participation

You can register to participate in the *'Textile Structures for New Building'* contest and upload your project details at www.techtex^{til}-student.com until 26 February 2017. Please remember to fill out all the mandatory fields in the online form and upload at least the required documents. Information on the contest documents can be found on the next page.

Following your successful registration for the *'Textile Structures for New Building'* contest presented by Techtex^{til} 2017 and TensiNet, Messe Frankfurt Exhibition GmbH will verify the data submitted online.

Evaluation and selection

In March 2017, our jury of experts will select the winning projects to be exhibited in Frankfurt from 9 to 12 May 2017 from among the eligible projects. The selected winning projects will be presented within a special exhibition area at Techtex^{til} 2017.

The jury

An independent, international jury will choose the winners out of all registered projects. The jury judging the *'Textiles Structures for New Building'* contest will include well known representatives from the universities, eminent architects (textiles building) and engineers. A representative from TensiNet will serve on the jury on behalf of the organisers.

The chairman of the jury will be Prof. Dr. Dr. E.h. Dr. h.c. Werner Sobek.

The Prizes

A prize money of € 8,000 for the *'Textile Structures for New Building 2017'* contest is provided by TensiNet.

The jury will award prizes in the following categories:

- Macro-architecture
- Micro-architecture
- Material innovation
- Environment and ecology
- Composites and hybrid structures

The prize money will be divided according to the decision of the jury.

The jury's decision will be final and incontrovertible. Individual reasons for refusal of a proposed submission cannot be given, for organisational reasons.

Awarding of the prizes

Prizes will be shown and awarded at Techtex^{til} in Frankfurt, Germany. The award of a prize will be confirmed by a certificate. The organisers reserve the right to exhibit projects at other Techtex^{til} events. The organisers will further inform both the professional world and the public about all prize-winning projects.

Contest documents

Please submit your participation documents completed in English online (www.techtexstil-student.com) to Messe Frankfurt Exhibition GmbH by 26 February 2017. Your documents must include the following:

Required documents

- Abstract:* Short description of the project (2,000 characters maximum)
- Plan:* To scale and dimensioned drawing of the construction
- Text:* Detailed description in the form of an executive summary (15,000 characters maximum)
- Photos:* 1 photo of a model (high resolution) or 1 3D graphic or comparable form of presentation

Additional documents

It is not required, but you will have the possibility to submit additional documents (e.g. short video) for the jury. The above mentioned 'required documents' must contain all necessary information for the jury about the project.

Important formalities

- Footer:* For identification purposes, all documents submitted must include this information in the footer: name of participant, name of either company or college / university, project title
- File formats:* Plans must be in PDF format
Photos must be in JPEG format
- File names:* Please name your files as follows:
first name_last name_university_title_plan.pdf or
first name_last name_company_title_photo1.jpeg

Fostering

The prize money of € 8,000 in total is provided by TensiNet.

Prof. Dr. Dr. E.h. Dr. h.c. Werner Sobek, director of the Institute for Lightweight Structures and Conceptual Design (ILEK), University of Stuttgart, will be responsible for the professional and technical supervision of the competition.

Our media partner Architonic will medially accompany and support the contest.

Messe Frankfurt Exhibition GmbH provides the special exhibition space and is the official organiser of the contest. In addition, all participants in the *'Textile Structures for New Building 2017'* contest whose works have been selected for exhibition will be invited to the award ceremony in Frankfurt during Techtex 2017. Messe Frankfurt Exhibition GmbH will assume the travel costs and will organise and assume costs for an overnight stay.

Contact details

If you have any questions regarding the *'Textile Structures for New Building 2017'* contest, please contact

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Conditions of participation

- Participants must develop the projects to be submitted for the contest either alone or in groups of max. 10.
- Eligibility for participation is limited to students and young professionals born after 1st March 1988. The age limitation is valid for all contributors/participants.
- All contributors of a project have to be registered online at www.techtex^{til}-student.com as participants.
- The project group has to register a person in charge by submitting the contact details. This person is in charge for all communication with the organisers of the *'Textiles Structures for New Building 2017'* contest. Furthermore students applying to participate are required to provide the name of a supervisor at their university or college who has agreed to support their participation.
- Eligibility for participation is limited to students or young professionals, subject to the respective certification, e.g. a copy of the student identity card, degree certificate.
- All groups and individuals must register by Sunday, 26 February 2017 by submitting the completed form, an executive summary of the project and all other required documents as well as additional voluntary documents to Messe Frankfurt Exhibition GmbH at www.techtex^{til}-student.com.
- Participants are responsible for ensuring the correctness of the information provided during registration for the *'Textiles Structures for New Building 2017'* contest. All personal data and certificates provided must be true. Otherwise, participation may be refused at any time.
- All submitted information must be in English.
- Submission of documents and works is subject to the deadlines and formats specified by Messe Frankfurt Exhibition GmbH. Applicants who fail to meet the deadlines or submit materials that are incomplete or do not comply with the specifications regarding format as set out by Messe Frankfurt Exhibition GmbH will forfeit their right to participate.
- In general all projects submitted must be developed by the participants with no outside assistance. In case there was any outside assistance it has to be revealed by the participants in the documents.
- The jury and Messe Frankfurt Exhibition GmbH reserve the right to assess all projects submitted as to compliance with the assignment criteria and, if required, to reject them.
- An independent, international jury will select the winners out of all registered projects to be presented in the special exhibition area during Techtex^{til} 2017 and will divide the prize money. The jury judging the *'Textiles Structures for New Building'* contest will include well known representatives from the universities, eminent architects (textiles building) and engineers as well as TensiNet.
- The jury's decision will be final and incontrovertible. Individual reasons for refusal of a proposed submission cannot be given, for organisational reasons.
- All winners selected by the jury will be invited to attend the award ceremony in Frankfurt, Germany during Techtex^{til} 2017.
- Messe Frankfurt Exhibition GmbH will reimburse expenses incurred while travelling to the award ceremony in Frankfurt and back as well as the costs for an accommodation in Frankfurt for all participants with award-winning prizes. Accommodations will be selected and organised by Messe Frankfurt Exhibition GmbH.
- Messe Frankfurt Exhibition GmbH will reimburse participants for the shipment to Frankfurt and back to the return address indicated of works selected for exhibition during Techtex^{til}.
- To be reimbursed by Messe Frankfurt Exhibition GmbH, participants must furnish original receipts for all reimbursable expenses incurred. Messe Frankfurt Exhibition GmbH will not assume or reimburse participants for any costs incurred in connection with their participation in the *'Textiles Structures for New Building 2017'* contest other than those specified in the paragraphs above.

- Participants understand that Messe Frankfurt Exhibition GmbH does not assume any type of duty to exercise proper care for any submitted projects and does not assume liability for damage to submitted projects or for damage resulting from such submission. Messe Frankfurt Exhibition GmbH's obligation to pay damages will apply only if the damage was caused intentionally or through gross negligence.
- By submitting their applications, participants guarantee to own all rights including, but not limited to, copyrights and/or design or brand rights in the submitted projects and/or documents and confirm that such submission and the subsequent publication of the projects and/or documents are not in violation of third-party rights.
- All rights in the works produced will remain exclusively with the participants. All documents (see "Contest documents") will be provided to Messe Frankfurt Exhibition GmbH at no cost and will not be returned. All works submitted including, but not limited to, photos and/or illustrations will be made available at no cost to Messe Frankfurt Exhibition GmbH for publication purposes.
- The judge's decision is final.
- The exclusive applicable law shall be the law of the Federal Republic of Germany.
- Should any of these conditions for participation be or become invalid, the validity of the remainder of the conditions will remain unaffected.