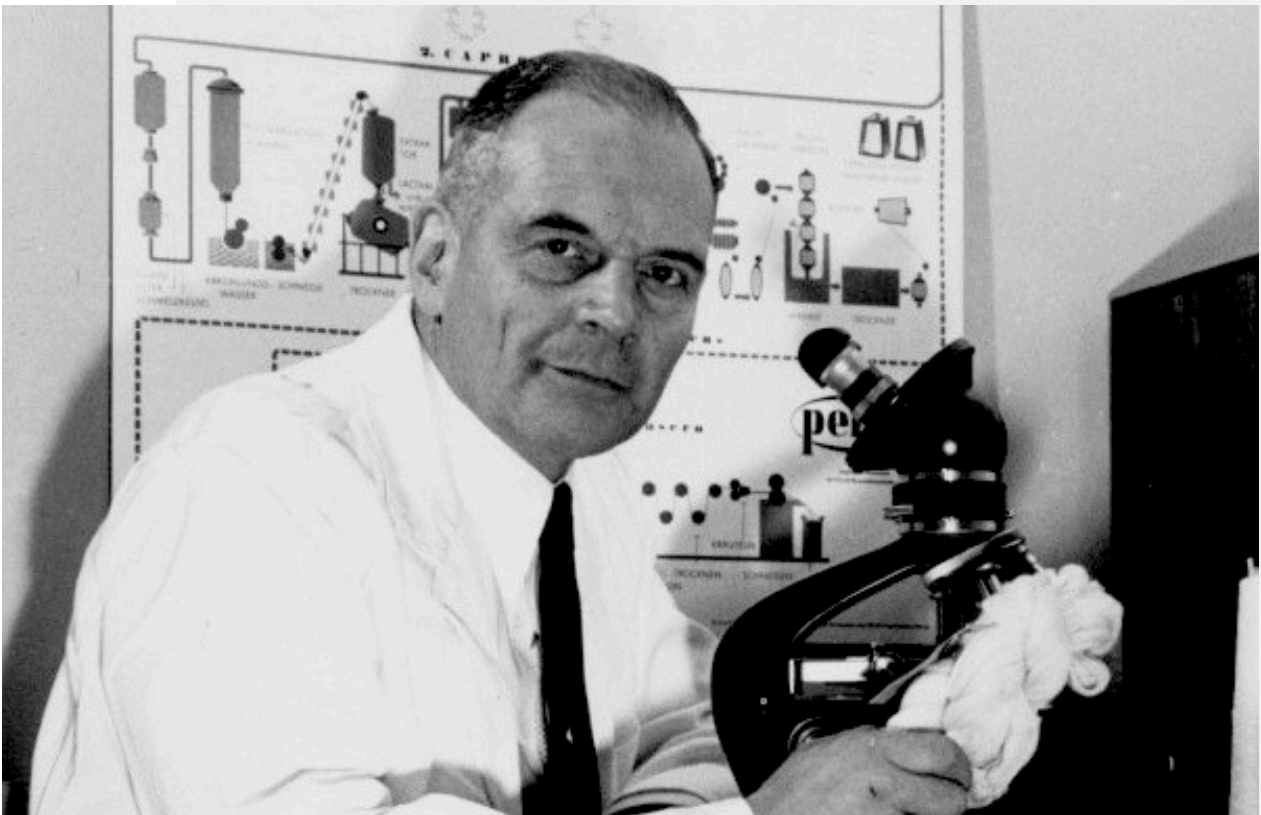


PAUL SCHLACK PRIZE 2024

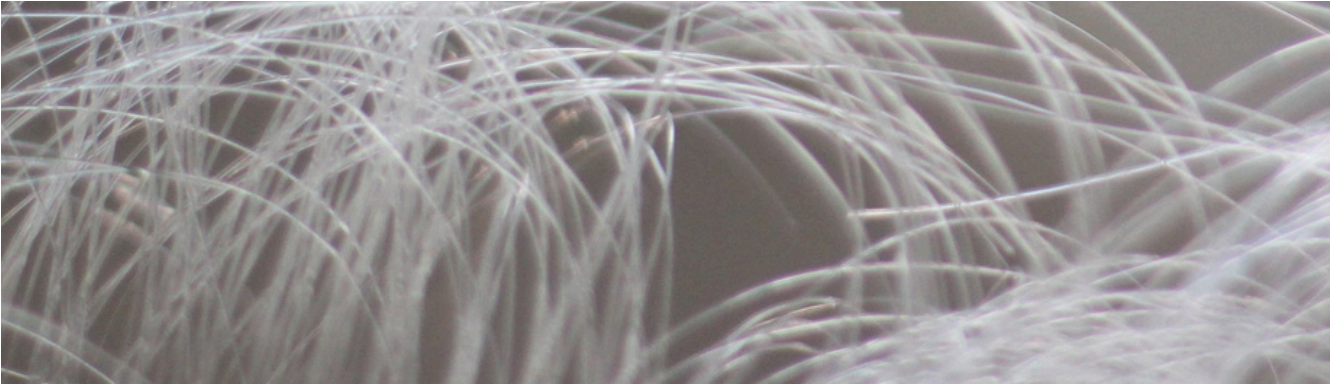
CALL FOR APPLICATIONS



SUPPORTED BY



ABOUT THE PAUL SCHLACK PRIZE



ABOUT THE PAUL SCHLACK PRIZE

Inspired by Paul Schlack's ground-breaking creation of Polyamide 6, CIRFS aims to support visionary and exceptional researchers.

CIRFS provides backing for innovations in man-made fibre research at universities and research institutes through the Paul Schlack Prize.

Eligible candidates are researchers who have completed a diploma thesis or dissertation. Applicants should be in the early stages of their academic careers, either before their dissertation or within a maximum of 8 years after completing it. Ideally, candidates can demonstrate one or more publications as the first author in peer-reviewed journals related to the subject under consideration.

PRIZE CATEGORIES

- **THE PRINCIPAL PAUL SCHLACK PRIZE**

Awarded with € 3.000 - for an author of a theme from a university or research institute.

AWARDED IN 2023

PRINCIPAL PAUL SCHLACK PRIZE



Dr. Ing. Henriette Grellmann
TU Dresden

"Technological development of textile-based actuator and sensor structures for complex deformable adaptive fibre rubber composites."

HONORARY PAUL SCHLACK PRIZE



Dr. Ing. Tim Höhnemann

Friedrich-Alexander-Universität Erlangen-Nürnberg

"Generation of monofilaments with defined cross-sectional shape from polymer melt - correlation of die layout, polymer morphology and process parameters with the bending behavior."

Don't miss out on this opportunity and apply for the Paul Schlack Prize.

The winner of this prestigious award will be announced on the occasion of the Global fibre Congress 2024, which will be held on September 11-13 in Dornbirn, Austria.



PART I - APPLICATION INFORMATION – OVERVIEW

GENERAL INFORMATION

This information is compulsory, but it will not be factored into the scoring.

APPLICATION TITLE

Please provide a descriptive title for your submission.

CONFIRMATION OF RESEARCH INSTITUTION

Please submit a confirmation (**in PDF format, maximum one page**) from your university or research institute verifying your affiliation and the completion of your work there. Please refrain from uploading a letter of recommendation, as this document will not be considered in the evaluation of your submission.

APPLICATION SUMMARY

Please provide a concise summary (**maximum 1500 characters**) detailing the nature of your application and the significant results attained, including specific figures where applicable. Additionally, elaborate on why you believe your submission holds particular significance for the fibre industry, with potential implications for the textile sector. Furthermore, outline the envisaged commercial implementation prospects and the anticipated benefits of your development in terms of the environment. Additionally, please outline the innovative character and scientific excellence of the submission.

PHOTOS AND PROJECT DOCUMENTATION

Please include up to six photos or graphs in print quality, with each file ranging from 400 KB to 3 MB per picture. The preferred file formats are .jpg or .gif. These images should effectively document and support your proposal. Please indicate which criterion (PART II) each respective photo or diagram refers to.

PART II – DETAILED APPLICATION INFORMATION

| REQUIREMENTS | SCORE | DESCRIPTION |
|--|-----------|---|
| SCIENTIFIC NOVELTY AND EXCELLENCE | 10 Points | <p>The applicant must articulate how the submission showcases scientific excellence, pioneering new territory, and surpassing the current state of the art. Specifically, they should elucidate the project's motivation, pursued objectives, conceptual framework, and the chosen methodology and approach. It is crucial that the proposal demonstrates novelty and originality, delineating its unique contributions to the fibre sector. (Maximum half a page, 2000 characters).</p> <p>Please list your major publications (peer reviewed journals or granted patents) on the topic. Please provide the DOI link if available, e.g., http://dx.doi.org/10.1351/pac196715030507. The publication should help us to evaluate the scientific relevance.</p> |
| RELEVANCE FOR FIBRE AND THE FIBRE PROCESSING INDUSTRY | 10 Points | <p>Is this technology ready for implementation in the foreseeable future and could it potentially lead to significant investments and increased sales within the fibre and fibre processing industry? Is there potential for the creation of new job opportunities within the fibre and fibre processing sector due to the implementation of this proposal? (Maximum half a page, 2000 characters).</p> |
| ENVIRONMENTAL IMPACT | 10 Points | <p>Please elaborate on the comprehensive environmental benefits that your submission can bring. Only if possible, include reliable figures such as CO2 emissions avoided, water saved, renewable energy provided, energy efficiency before and after implementation, waste reduced, reduction in microplastics release, biodiversity conservation, land use efficiency, and any other relevant metrics. By presenting a holistic view of the environmental impact, demonstrate how your proposal contributes to sustainability across multiple dimensions, such as resource conservation, pollution prevention, and ecosystem preservation. (maximum half a page, 2000 characters)</p> |

| REQUIREMENTS | SCORE | DESCRIPTION |
|----------------------|-----------|---|
| SOCIAL IMPACT | 10 Points | Please detail how your proposal will contribute to the well-being of society. Specifically, outline how the submission addresses societal needs, such as job creation or the eradication of social injustices. Explain the extent to which the submission supports the attainment of specific Sustainable Development Goals (SDGs), such as poverty reduction or gender equality. (half page maximum, 2000 characters) |
| PITCH | 10 Points | Please submit a short video, with a maximum duration of 3 minutes, in which you explain the key points of your submission. Ensure that you are visible in the foreground, with eventually slides displayed in the background. Please provide file format MP4. |

PART III – CONTACT DETAILS

We would kindly ask you to complete the below form in order to complete your Paul Schlack Prize application.



[APPLICATION FORM](#)

Other documents related to your award application e.g. photos, diagrams, video etc... please send to CIRFS Secretariat: [**secretariat@cirfs.org**](mailto:secretariat@cirfs.org).

HOW TO APPLY

You are kindly requested to submit your application for the Paul Schlack Prize using the application form provided in the link above. For other documents related to your application, please send them via email to the following address: secretariat@cirfs.org.



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BELGIUM

E: SECRETARIAT@CIRFS.ORG
T: +32 2 880 52 91

If you have any questions, please do not hesitate to contact us.

Yours faithfully,

Frédéric Van Houte
Director-General, CIRFS

Attachments:

- Paul Schlack – ein Leben für Perlon (in German language)
- Wilhelm Albrecht – ein Leben für Chemiefasern (in German language)
- Statutes Paul Schlack Prize
- Paul Schlack 2023 Application form (link above)

STATUTES PAUL SCHLACK PRIZE

The aim of awarding the Paul Schlack Man-Made Fibres Prize is to promote research and development in manufacturing, processing and application of man-made fibres in Europe.

1. The Paul Schlack Prize is awarded annually at the International Man-Made Fibres Congress in Dornbirn by the Managing Director of CIRFS.
2. The Paul Schlack Prize has a cash value of Euro 3,000 and is subject to publication in a prominent journal. The awarder of the Prize is the Paul Schlack and Wilhelm Albrecht Foundation established exclusively for this purpose.
3. CIRFS invites universities and research institutes for applications. The CIRFS secretariat and the Austrian Man-Made Fibres Institute are responsible for the organisation and the administration of the Prize.
4. Applicants will be young individuals who have successfully researched a theme on man-made fibres at a university or research institute. The work which is in the form of a dissertation or of equivalent value is published. Work shall be finished and have already received a "very good"-mark by the submitting body.
5. In addition, the jury may grant a non-monetary honorary prize for a finished multidisciplinary co-operative research project.
6. The winner is selected by an independent jury. The decision of the jury is binding. The jury does not rank the non-winning applications.
7. Written proposals should reach the CIRFS secretariat not later than July 1, 2024 . Application documents shall be in English. Documents have to be submitted in an electronic format. The CIRFS secretariat distributes the documents to the jury.
8. The documents will remain at CIRFS.