

23th September 2022

STFI Press Release

Brazilian institutions and the Sächsisches Textilforschungsinstitut e.V. intensify their collaboration

The Brazilian National Service for Industrial Training (SENAI), the SENAI Institute for Innovation in Biosynthesis and Fibres (ISI B&F) and the Sächsisches Textilforschungsinstitut (STFI) signed a memorandum of understanding to cooperate more closely in the fields of research, development and innovation. Future projects will focus on bio-based materials from fibre plants and waste from the agricultural industry, digital manufacturing, Industry 4.0 and surface functionalisation.

The cooperating partners SENAI, ISI B&F and STFI presented their research focus areas and technological possibilities to a broad group of participants from Brazilian companies and research institutions in an online event. Dr. Yvette Dietzel, Research Director at STFI, sees very good conditions for joint cooperation: "The competences of STFI and ISI & BF complement each other ideally in the various areas in which we want to cooperate more closely. The combination offers great potential for developing innovative new products and applications together with Brazilian and German companies, for example in the areas of functionalisation of textiles, medical and geotextiles, and sustainability".

Dr. David Domingos, head of department at Fraunhofer IPK, presented various options for Brazilian companies to finance international cooperations after the event.

In the upcoming weeks and months, further workshops are planned to present new opportunities for cooperation and innovation to the textile companies in the region. Together with the Brazilian colleagues, ideas are to be concretised and transferred into joint cooperation projects.

Dr. Illing-Günther, Managing Director of the STFI, is looking forward to a closer cooperation with the ISI B&F in the future: "Together we can advance developments in the field of bio-based materials, their application in interaction with new digital manufacturing technologies and propose solutions to the industry".

Background

The work of the new SENAI Innovation Institutes (Institutos Senai de Inovação, ISI) aims to build a bridge between scientific research and the needs of the Brazilian economy. The focus is set on applied research and implementation. Key issues are the development of new products, creating solutions tailored to the needs of companies and generating new business ideas for start-ups. The SENAI Institute for Innovation, Biosynthesis and Fibres (ISI B&F) is one of 26 Brazilian research institutions created by the Brazilian National Service for Industrial Training (SENAI) since 2012.

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Instituto SENAI de Inovação em
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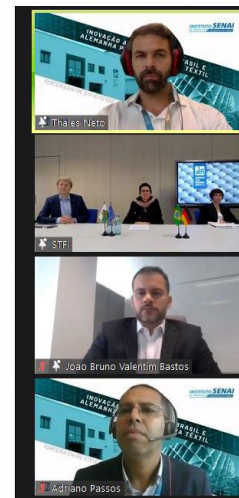
Video

INSTITUTO SENAI
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SENAI
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PELO DESENVOLVIMENTO DO TRABALHADOR



German-Brazilian cooperation partners – STFI and ISI B&F communicate online about future projects

About STFI

The STFI in Chemnitz has been an outstanding innovation partner and service provider for its customers since it was founded in 1992. Textile materials have shaped our activity profile ever since. The non-profit institute addresses technical and social issues through an open, interdisciplinary and reliable approach. At STFI, the main topics of research and development are technical textiles, nonwovens, lightweight textile engineering, functionalisation, recycling, digitalisation and Industry 4.0. Additionally, STFI gathered many years of experience and expertise in textile testing as well as certifying Personal Protective Equipment (PPE) and geosynthetics. In the future, the STFI will continue along this path and establish the Center for Textile Sustainability in the next step. The STFI has been an affiliated institute of the Chemnitz University of Technology since 2006. Furthermore, it is actively involved as a member of the Zuse Association and the Saxon Industrial Research Association (SIG).

Further information: www.stfi.de/en

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