

Press Release:

Ismaning, Oktober 10th, 2017

PERFORMANCE DAYS ® functional fabrics fair
produced by Design & Development GmbH Textile Consult
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Premiere for new technologies at PERFORMANCE DAYS in Munich

Smart Textiles: New fabrics for clever comfort and warmth

Active warmth offers maximum safety and comfort to athletes because it can now be generated individually and intelligently - and, that is not something out of science fiction. Innovative companies are introducing new, intelligent thermal solutions as part of the next Focus Topic of PERFORMANCE DAYS in Munich in November.

The next FOCUS TOPIC at the PERFORMANCE DAYS Trade Fair is "THERMAL TECHNOLOGIES - from fibre to smart fabrics." And, it would not be PERFORMANCE DAYS, if the organizers did not manage to attract the brand new technologies to Munich for their initial introduction to the textile industry.

Conductive fibres bring active warming to the body

Integrated heating elements in gloves or ski boots are already well-known. A comfortable heat source that is unfelt and integrated within the garment is quite a novelty. Until now that is, because at the next PERFORMANCE DAYS Trade Fair on November 8-9th in Munich, completely new solutions will be introduced. For example, the exhibitor Schoeller Textiles (booth 200) from Switzerland, has a new softshell material, the "E-Softshell." This fabric is the first softshell material in the world to be equipped with "heating elements." They feel soft, do not interfere with wearing comfort and can be dyed and washed. The unique technology: The fabric is supplied as meter ware and can be individually cut and tailored. This innovative laminate corresponds in construction to a traditional Schoeller softshell with corkshell technology. The thermal backing fabric is produced by Eschler. A uniform distribution of warmth is possible because of the special embedding of conductive yarns and the designed heated areas are functional under normal use.

Intelligent warmth directly on the skin

There are other manufacturers developing other fabrics equipped with smart heat sources. For example, InuHeat and Clim8 are both participating in the panel discussion with journalist Sophie Bramel (see below). At InuHeat, a flexible heating yarn is being built into socks to provide additional warmth. The yarn is fed into the knitting process, yet the socks, nevertheless, are still soft and washable. The company is currently working to combine the heating yarn with various different yarns to demonstrate a wide range of processing possibilities. Learn more about this at Booth 617.

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The young company Clim8 is taking things even one step further. Clim8 provides the warmth in the textile through heating pads that can be integrated into any fabric (except polypropylene). To achieve the proper effect, the clothing requires a "next-to-skin" application. This is because the pads not only emit heat; They also use sensors to measure the body temperature of the wearer. The sensor data is transmitted to the athlete's smartphone and displayed by means of an app. This communication takes place via a dongle, which transmits data via Bluetooth. The desired body temperature can be set in the app in advance and, with the aid of the software, the fabric supplies exactly the amount of heat required to hold that temperature. Furthermore, the heat can also be manually regulated at any time.

Interesting panelists discuss the topic

A panel discussion titled "Smart Thermal Solutions" is scheduled for Thursday, November 9th at 13:45h. The renowned journalist Sophie Bramel has invited exciting guests to discuss this "hot" topic. Joining her in the discussion are: Rickard Rosendahl, CEO, co-founder, and owner of InuHeat, Carsten Wortmann, founder and CEO of Nanogy, Florian Miguet, CEO and co-founder of Clim8, and Christoph Müller, CEO of warmX. If you do not want to miss this event, register online now as a visitor and get your free print at home ticket to avoid the long waiting line at the entrance.

The preparations for this topic once again confirm: **PERFORMANCE DAYS** is the unparalleled leader when it comes to functional fabrics and the latest trends. The dates of the trade fair correspond to the next round of buying and the **FOCUS TOPIC** at the **PERFORMANCE FORUM** provides inspiration every time and always opens new perspectives on the future of functional fabrics.

All the growing trends for Winter 2019/20, the **FOCUS TOPIC**, the many other novelties, and the coveted awards will all be there for you on November 8-9th 2017 at **PERFORMANCE DAYS** in the MTC Munich. For all those who just cannot wait that long, more information is provided for you online at: <https://www.performancedays.com>.

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About PERFORMANCE DAYS

PERFORMANCE DAYS – The “functional fabric fair” launched in 2008, is the first and only event created especially for functional fabrics for sports and work clothing. The aim of the semi-annual trade fair is to give leading and innovative textile manufacturers, suppliers and service providers the opportunity to present their functional fabrics, membranes plus treatments, laminates, paddings, finishes, and accessories such as yarns, tapes, prints, buttons and zippers.

The industry experts who come to this fair - the sports fashion designers, product managers, and decision-makers (see online: [Visitor List](#)) represent almost every European active clothing and functional wear manufacturer - can find a complete selection of high quality materials available at just the right time in April/May and November. The dates are intentionally scheduled early thanks to our expertise in functional fabrics and are optimal for summer and winter sport collections. (All trade fair catalogs from past events are available online at [Catalogs](#) as well as a listing of current exhibitors at [Exhibitor List](#)).

The relaxed and focused workshop-like atmosphere at PERFORMANCE DAYS differentiates it from the other fairs which are often unmanageable and more stressful. That is one of the reasons why the Munich trade fair at the heart of the European sportswear industry has become one of the top addresses for new fabrics, innovations, and is the preferred meeting place to conduct business.

In the unique [PERFORMANCE FORUM](#) of PERFORMANCE DAYS, the visitor receives an inspiring and well-grounded overview of the new materials, trends, and innovations of the exhibitors. The PERFORMANCE AWARD and the ECO PERFORMANCE AWARD are also presented here.

Qualified guest speakers present special topics and their collaborative ventures to complete the range of information provided at PERFORMANCE DAYS within the [Program](#) (see after the fair online in the [Presentation Library](#)).

No entry fee and free admission to all events for industry visitors.

Detailed information and advanced registration online at: www.performancedays.com