

## Performance Days to present topic on thermal technologies

**07**  
Nov '17



Performance Days, the pioneer in trends of the [textile](#) industry, is set to present the topic of thermal technologies at the Performance Forum during the upcoming edition of the popular [trade](#) fair. The fair will present various innovations of fabrics and accessories in functional sportswear and will be held on November 8 and 9, 2017, in Munich, Germany.

Special attention is given to the fabrics equipped with heating elements at the expo. They promise great potential for new business segments, while also presenting manufacturers with several challenges. The opportunities and risks are the subject of a lecture by attorney Dr. Alexander Duisberg of Bird&Bird LLP.

Lenzing (Tencel) has will show an innovative 3D knitting process in cooperation with the KnitWarm Company, which produces a particularly soft, skin friendly fabric with the Tencel conductive yarns. The conductive yarns heat up when connected to an electrical source. Small pushbutton controls close the circuit and connect the cable with the fabric. The fabric is washable and the conductive yarns are not subject to corrosion, but all power supplying cables must be removed prior to washing. The conductive fabric can be applied over the entire surface or sewn on as panels to cover specific areas.

Schoeller Textiles will present its latest E-Soft-Shell. The softshell material is coated with conductive yarn, and can even be custom-cut and supplied by the meter without losing any of its thermal functions. This makes the fabric interesting for all types of commercial applications, with savings on material in production.

Flying Textile's iWarm3.0 will also be a part of the show. In contrast to other systems, the

iWarm3.0 has sensors that constantly monitor the inner temperature of apparel and then independently regulate the heating function so that a uniform temperature is attained. For this purpose, the system is controlled via an external app. The user simply enters the desired temperature in the “system controls”, i.e. the smartphone with the app, which then communicates via Bluetooth with the sensors and textile’s heating elements. (GK)

Fibre2Fashion News Desk – India