Taiwan Textile Research Institute

At the Taipei Innovative Textile Application Show in 2022, the Taiwan Textile Research Institute will exhibit R&D achievement of high-end textiles, environmental sustainability, digital innovation, and industry intelligent information and talent training.

1. High-end textiles

    (1) Functional materials and textiles: deodorization polyester masterbatch and fiber, AquaBreath® textiles, 2DF high color fastness dope dyes fluorescent fibers, functional inkjet printing textiles, iSMORE® nanofiber breathable membrane, protective material of sports shock-absorbing TPU, and breathable dust-free fabric.

    (2) Smart/intelligent materials and textiles: PCM-long term thermal control technology, generic ECO elastic conductive slurry, precision exercise assistant clothing, force detecting and responding textiles

2. Environmental sustainability

    This area will demonstrate textile machine re-build & customization, technology development of n, carbon emission management counseling service for textile enterprises, sustainability standards, and certification services in the textiles industry, technology development of natural textile material circular system/ processing on recycled fabric to fiber/advanced yarn, and testing/evaluation technology of fiber fragment release for synthetic textiles.

3. Digital innovation

    This area will demonstrate textile information and digital systems, including E-service for the textile industry, the integration technology of textile digitization system, textile pattern comparison and inspection technology, the evaluation of fabric objective hand /touch feel.

4. Industry Service

    Industry and market information platforms will be demonstrated, including Textile NET in Taiwan and Tnet SMIS (Sportswear Market Intelligence System), textile academy, and publishing.

    For more information, please visit https://www.ttri.org.tw and TTRI's booth N136