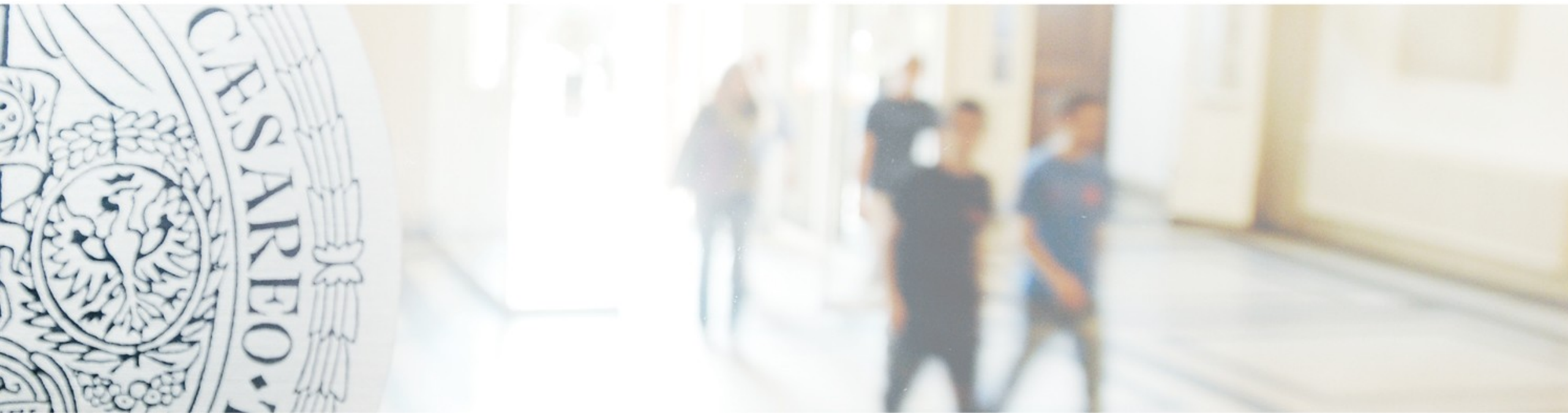




Research Institute of Textile Chemistry / Physics, Dornbirn

Gegründet im Jahr 1669, ist die Universität Innsbruck heute mit mehr als 28.000 Studierenden und über 5.000 Mitarbeitenden die größte und wichtigste Forschungs- und Bildungseinrichtung in Westösterreich.

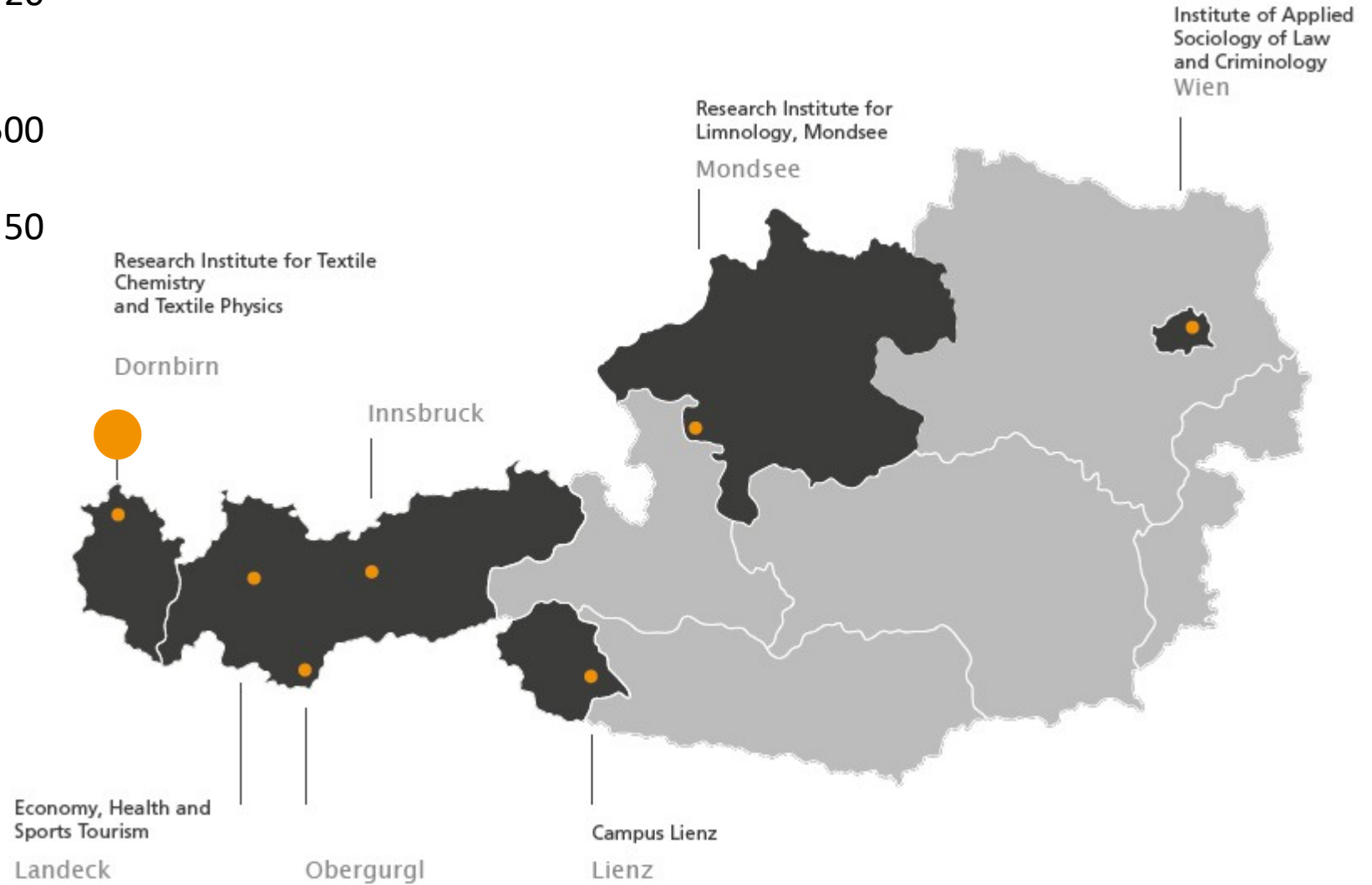
Established 1982

Number of Employees
(students, researchers, staff) 20

Publications ca. 500

Patents ca. 50

Work in close collaboration with other
University, Research Institute and
Industry partners



Hybrids and interfaces

Technological concepts for textile hybrid structures

Fiber surface functionalization

Diffusion and absorption at phase boundaries

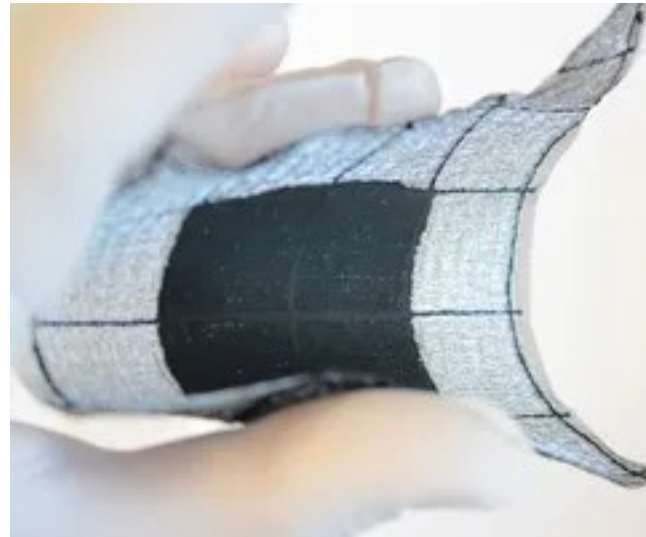


Functional Materials and Energy

3D Textile electrodes

Conductive tracks on textile substrates

Integration of sensors into textiles

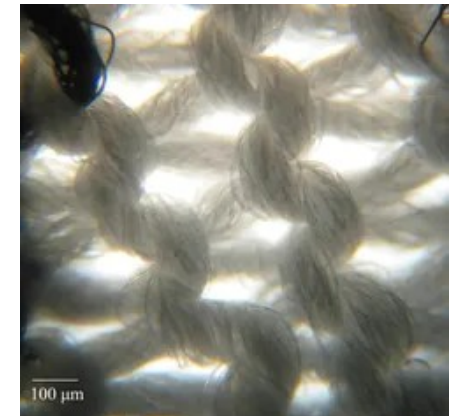


Bio-based materials, sustainability and circularity

Increased use of renewable materials such as hemp and flax fibers

Improving sustainability of textile processes

Separation / recovery of fiber polymers from textile waste



Acknowledgement



Collaboration partners from Industry