



# HISTORY OF NANOFIBERS

*The first production technologies enable the produce of nanofibers on the global market appeared in the 1980s. A major part of them works mainly in laboratory conditions. Most often they use the principle of electrostatic spinning.*

2005

- A groundbreaking technology was in 2005 Nanospider. It was the first technology in the world to allow an industrial production of nanofibers.

2003

- prof. Oldřich Jirsák – His team from Technical University in Liberec continued research activities to these researchers, especially their followers Darrel Renekera, Iksoo Chun, L. Larrond and R. ST. John Manley

1971

- prof. Peter K. Baumgarten – He made the device for electrospinning of acrylic fibers with a diameter in a range 0,05 – 1,1 microns

1966

- prof. Harold L. Simons – Patented ultrasound and ultraviolet nanofiber fabrics with different samples using electric spinning

1933-44

- Anton Formhals - First attempts to produce nanofibers. Publication of the first of the patent describing their experimental production.