



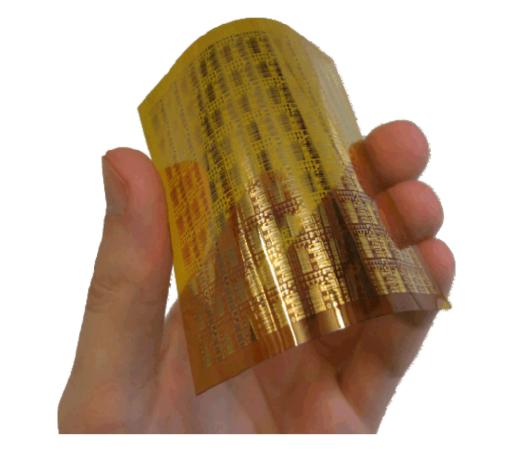
Integrating Electronics into Woven Textiles

C. Zysset, N. Münzenrieder, T. Kinkeldei, L. Büthe, G. Salvatore, G. Tröster

Wearable Computing Lab, Institute for Electronics, Swiss Federal Institute of Technology Zürich

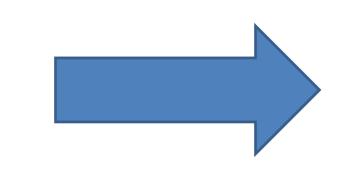


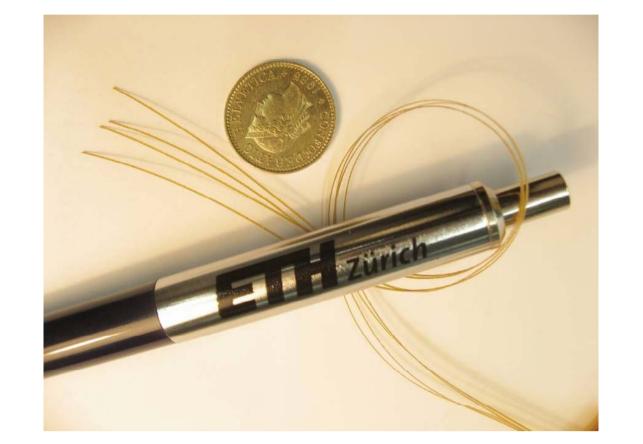
Technology Overview

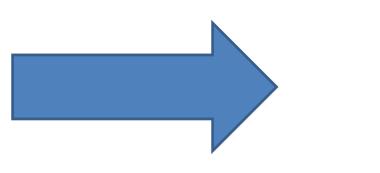


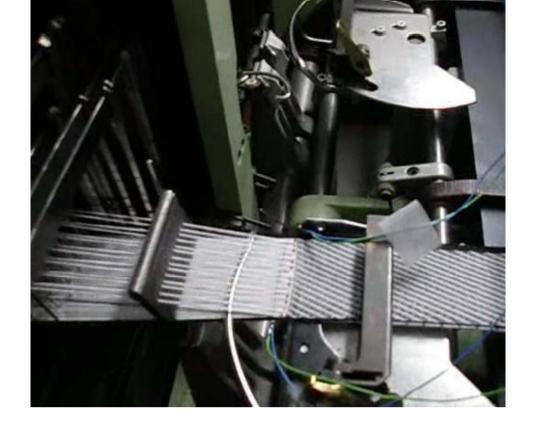
Process flexible substrates

in clean-room



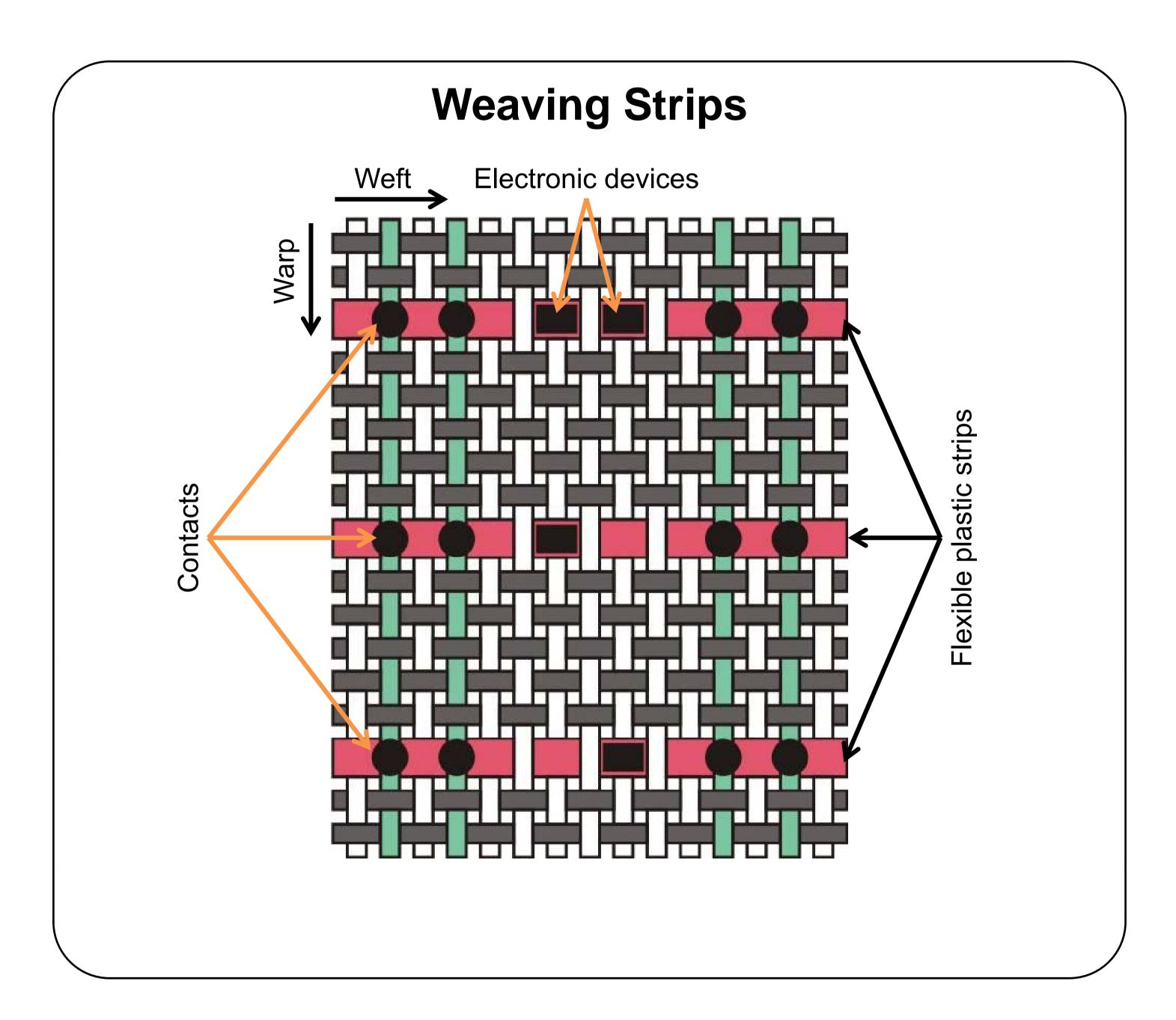






Cut substrate into stripes

Weave stripes on commercial weaving machine



into woven textile. Sensors are interconnected with I²C bus.

