Imagine devices that can be worn or interacted with would automatically recognise you - no passwords or manual connection needed. BANDANA makes this possible by spontaneously connecting them e.g. with the phone in your pocket.

Welcome back! Let's train a bit harder this time, won't we?

Devices are paired spontaneously when worn on the same body; the pairing breaks once separated. BANDANA leverages gait patterns, shared by devices co-present on the body, to generate robust, always fresh and secure keys, enabling secure authentication.

With the increasing number of devices present in our lives and the IoT right behind the corner, BANDANA provides an effortless and secure way to use devices without passwords.

WAS IT "12345" OR DID I USE MY BIRTHDATE AS PASSWORD...? I CAN'T REMEMBER...!

http://ambientintelligence.aalto.fi/