SUITCEYES

Smart, **U**ser-friendly, **I**nteractive, **T**actual, **C**ognition-**E**nhancer, **Y**ielding **E**xtended **S**ensosphere
- Appropriating sensor technologies, machine learning, gamification and smart haptic interfaces

SYMPOSIUM

From Touch to Cognition

Improving Communicative Experiences of Deafblind Persons

We would like to warmly invite you to join us in celebrating the start of our innovative and ground-breaking EU funded project SUITCEYES.

Date: January 17, 2018
Time: 08:00 – 12:30
Venue: Textile Fashion Centre, Vestindien C, Skaraborgsvägen 3, Borås, Sweden

To register press HERE!

There is an estimated 2.5 million deafblind persons in Europe. Research identifies communication as the main challenge for the deafblind persons and there are few intelligent tools to facilitate communication and learning for this group of people.

SUITCEYES aims at combining and developing cutting-edge technologies and ICT tools to develop an innovative improved mode of communication for individuals with deafblindness. SUITCEYES brings together user and policy studies, assistive technology, sensors, machine learning, image and signal processing, psychophysics, semantics, gamification and affective computing in order to:

- extend the localisation and environmental perception of the user
- extend and improve user's modes of communication via a haptic language
- promote and facilitate learning through gamification and mediated social interaction

A main outcome of the project will be a smart-textile based Haptic, Intelligent, Personalised, Interface (HIPI) that will enhance communication possibilities for the deafblind persons. This technology will be scalable and will have other application areas.

SUITCEYES is a three-year project (Jan 2018-Dec 2020) that aims at creating improved interaction and communication possibilities for deafblind people.

The SUITCEYES project is funded the European Union's Horizon 2020 Work Programme 2016-2017 call "Information and Communication Technologies", topic "ICT-23-2017: Interfaces for Accessibility" with grant agreement No 780814.

Project Partners:

University of Borås, Sweden (Project Coordinator); Centre for Research & Technology, Greece; Hochschule Offenburg, Germany; University of Leeds, UK; Vrije Universiteit Amsterdam, Netherlands; Les Doigts Qui Rêvent, France; and Harpo Sp. z o.o. Poland.

PROGRAM

08:00	**Arrival/ Registration**
08:15 - 08:45	Welcome and Official opening Jenny Johannisson, Deputy Vice Chancellor for Research (HB)
08:45 - 09:30	Project overview and background Nasrine Olson, Project Coordinator (HB)
09:30 - 09:50	Creating possibilities – challenges and solutions for children with deaf-blindness. Thomas Ragnarsson (SPSM)
09:50 - 10:10	Communication, technology and congenital deafblindness. Henrik Hildemar (MoGård)
10:10 - 10:30	Haptic Communication Linda Eriksson (NKCDB)
10:30 - 10:50	**Break**
10:50 - 11:10	Games for Change Lissa Holloway-Attaway (HiS)
11:10 - 11:30	Some Field Studies on Tactile Interfaces Otto Carlander (SAAB)
11:30 - 11:50	Then what ARE textiles and haptics Nils-Krister Persson, (HB); Astrid Kappers (VU)
11:50 - 12:30	Open Interaction