

Experimental Interaction Design

DESIGNING WEARABLES FOR HEALTH AND WELLBEING

9-20 JULY 2018

MONDAY, 9 JULY

10:00 Introduction to Summer School: **Agenda and useful information**, V. Tomberg

10:30 Induction lecture: **Interaction design and Design process**, I. Smorgun

11:00 Lecture: **Physiology problems**, K. Pedak

12:00 Excursion to the **Hardware lab**, T. Toova

12.30 Introducing **Materials and Sensors**. V. Tomberg

13:00 Workshop: **Visioning the system you want to build**. M. Khrshanovskaya

TUESDAY, 10 JULY

Students bring to the class One minute story about a real person with the problem

10:00 Lecture: **Physiological computing: utilizing psychophysiological signals in HCI**, I. Kosunen

11:00 Lecture: **Design for wearables**, V. Tomberg

12:00 Workshop: **Design ideas generation and forming groups**, M. Khrshanovskaya

WEDNESDAY, 11 JULY

Students bring to the class their Design ideas

10:00 Workshop: **Designing interaction scenarios**, I. Smorgun, M. Khrshanovskaya

THURSDAY, 12 JULY

Students bring to the class scenarios

10:00 Workshop: **Lo-Fi Prototyping**, *I. Smorgun, M. Khrshanovskaya*

FRIDAY, 13 JULY

Students bring to the class Lo-Fi prototypes

10.00 Workshop. **Evaluation of Lo-Fi prototypes on the base of scenarios**, *V. Tomberg, M. Khrshanovskaya*

11:00 Workshop. **Evaluation of the early prototypes against UD principles**, *V. Tomberg*

12:00 **Reflection and preparation to the presentation**

14:00 (After lunch) **Presentation of Lo Fi prototypes**

WEEKEND

MONDAY, 16 JULY

Students bring to the class improved Lo-Fi prototypes

10:00 Workshop: **Hi-Fi prototyping**, *T. Toova, P. Valente*

TUESDAY, 17 JULY

10:00 Workshop: **Introducing smart textile**, *K. Kusk*

12:00 Workshop: **Hi-Fi prototyping**, *T. Toova, P. Valente*

WEDNESDAY, 18 JULY

10:00 Workshop: **Hi-Fi prototyping**, *T. Toova, P. Valente*

THURSDAY, 19 JULY

10:00 Workshop: **Hi-Fi prototyping**, *T. Toova, P. Valente*

FRIDAY, 20 JULY

10:00 Workshop: **Hi-Fi prototyping**, *T. Toova, P. Valente*

14:00 (After lunch) **Final presentations**

15:00 **Wrapping up, handing certificates, farewell event**

***NB!** The most of the sessions will finish before lunch at 13:00, excepts Fridays when the students have to demo their projects. However, we encourage the students to use the labs also after the lunch whenever that will be suitable for their personal schedules.*