

1st International Summer School on eCare Integrated, sustainable home care

<http://ecaresummerschool.intec.ugent.be/>

August 25-29, 2014,
Ghent University,
Ghent, Belgium

The 1st eCare Summer School on **home care technologies** is a mix of **themed presentations**, several **visits** to existing **home lab facilities**, **technical courses** with **hands-on exercises** covering various aspects such as sensor and device communication and integration, data modelling, processing and interpretation, smart textiles, service/companion robots and existing ambient intelligence infrastructures within a home environment.

Invited Speaker – dr. Vangelis Sakkalis, ICS-FORTH: “Ambient Intelligence applications in healthcare”

Theme sessions

- “Meet the Industry”
 - dr. Elena Tsiorkova, Sirris – “Current trends and future requirements within the home care sector as part of the Horizon 2020 call of the European commission”
 - Industry testimonials
- “Smart Textiles & Wearable Intelligence”
 - Prof. dr. ir. Lieva Van Langenhove, Department of Textiles, Ghent University – “The integration of smart textiles enabling a non-invasive approach in monitoring the user’s vitals and activities”
 - Joke Dessin, Research centre Cretecs, Catholic College Vives – “The user perspective and requirements within a home care environment”
 - Prof. dr. ir. Jan Vanfleteren, Center for Microsystems Technology (CMST), Ghent University, IMEC – “Hardware technologies for wearable electronics and sensors”

Courses and associated hands-on exercises

- Sensor and device integration and communication supporting a home lab facility.
- Formal data modelling techniques and languages.
- Semantic reasoning for data processing in order to capture the context and interpret the situation of the user.

2 guided home care lab visits

IBCN facility, Department of Information Technology, Ghent University
Research centre Cretecs, Catholic College Vives

Online Poster Submission Deadline 25 July 2014

The participants will have the opportunity to present their own research during a networking poster session.

Registration

Early bird rate (until July 15th): 100 EUR
Normal rate (after July 15th): 150 EUR

Location

Department of Information Technology
Internet Based Communication Networks and Services (IBCN)
Ghent University - iMinds
Gaston Crommenlaan 8 (Bus 201), B-9050 Ghent, Belgium