

Distinguished Visiting Fellow - Report prof. dr. Elise van den Hoven MTD

Proposers should write a short (approx. 300 word) report on the visit. This should entail the activities undertaken, the links/collaborations that have been created and/or enhanced and, importantly, activities or actions which are planned as a result. Payment may not be made until this has been received.

Submit it by email to admin@sicsa.ac.uk.

Host and proposer: Dr. Wendy Moncur FRSA
Email address: wmoncur@dundee.ac.uk
Institution: University of Dundee
Additional proposer(s) (Name and Institution only): Lynne Baillie, Chris Speed

Academic Visitor: prof. dr. Elise van den Hoven MTD
Home Institution: School of Software, University of Technology Sydney & Department of Industrial Design, Eindhoven University of Technology
Visit dates: 11 - 26 April
SICSA research theme(s) this visit is applicable to: Human-Computer Interaction

Short biography of the visitor:

Elise van den Hoven has a joint appointment as full-time Professor in the School of Software at University of Technology Sydney (UTS) and part-time Associate Professor in the Department of Industrial Design, Eindhoven University of Technology (TU/e). She is an Honorary Senior Research Fellow at the Duncan of Jordanstone College of Art & Design, University of Dundee and is an Associate Investigator at the Australian Research Council's Centre of Excellence in Cognition and its Disorders. She has an MSc in Biology from Utrecht University, an MTD (Master of Technological Design) in User-System Interaction and a PhD in Human-Computer Interaction, both from Eindhoven University of Technology.

Dr. Van den Hoven's research and teaching spans aspects of human-computer interaction, design and psychology, including designing interactive systems, physical interaction and supporting human remembering. Her interests include people-centred design and evaluation of interactive products, with a specific focus on the approach of tangible interaction and the application area of supporting personal remembering. She leads the international research programme *Materialising Memories*, which aims to use design for improved reliving of personal memories. (For more information, see: <http://www.materialisingmemories.com>.)

Elise van den Hoven's research output includes 100+ academic publications and 10+ grants (4.5+

million Euros total). She is an active member of the HCI research community, which includes being co-chair of the ACM International conference series on Tangible, Embedded and Embodied Interaction (for more information, see <http://www.elisevandenhoven.com/>).

Activities undertaken during the visit including details such as topic; date; venue; type of activity:

Topic of all activities related to:

1. Human-Computer Interaction and the Materialising Memories research programme, content-wise (how to design to support every remembering) and process-wise (how to combine human-computer-interaction, design and psychology), or to:
2. International collaboration opportunities between Scottish universities and prof. Van den Hoven's affiliations (University of Technology Sydney, Eindhoven University of Technology, University of Dundee).

Monday 11-Wednesday 13 April: travel from Sydney to Edinburgh

Thursday 14 April: visited, met with staff (incl. associate prof. Lynne Baillie) and research students and gave a talk at the Interactive and Trustworthy Technologies group, Heriot-Watt University, Edinburgh.

Title of the talk: Hoven, E. van den (2016). Materialising Memories: A design research programme to study everyday remembering.

Friday 15 April: visited, met with staff (incl. prof. Chris Speed) and research students and gave a talk at Design Informatics, University of Edinburgh, Edinburgh.

Title of the talk: Hoven, E. van den (2016). Materialising Memories: A design research programme to study everyday remembering.

Saturday 16 April: met with Computer Science colleague (dr. Augusto Esteves) from Edinburgh Napier University. Traveled from Edinburgh to Dundee.

Sunday 17 April: informal get together with colleague dr. Wendy Moncur and our joint PhD student Daniel Herron.

Monday 18 April-Tuesday 19 April: visited, met with staff (incl. dr. Wendy Moncur, prof. Tim Newman, prof. Niamh Nic Daeid, prof. Margaret Smith) and research students (incl. Daniel Herron, in several PhD supervision meetings) at the Duncan Jordanstone College of Art & Design (DJCAD), University of Dundee, Dundee. Participated in tours of the campus and specific buildings (including CAHID: the Centre for Anatomy and Human Identification).

Wednesday 20 April: visited, met with staff (incl. prof. Aaron Quigley and dr. Miguel Nacenta), research students and gave a talk at School of Computer Science, University of St. Andrews, St. Andrews.

Title of the talk: Hoven, E. van den (2016). Materialising Memories: A design research programme to study everyday remembering.

Thursday 21 April: met with staff (dr. Chris Lim) of the Duncan Jordanstone College of Art & Design, University of Dundee, Dundee.

Friday 22 April: visited, met with staff (incl. prof. Emmanuele Trucco, prof. Tim Croudace - School of Nursing and Health Sciences, prof. Alan Newell, dr. Wendy Moncur), research students and give a talk in the Wolfson Research Theatre, Applied Computing, University of Dundee, Dundee.

The talk was attended by staff and students from DJCAD, Computing, Psychology, Health Sciences and Humanities.

Title of the talk: Hoven, E. van den (2016). Materialising Memories: A design research programme to study everyday remembering.

Gave a 2-hour master class for the SICSA postgraduate community at the Department of Computer Science, University of Dundee, Dundee. Attendees from Computing and DJCAD.

Informal dinner with dr. Wendy Moncur and Daniel Herron.

Monday 25 April: visited, met with staff (incl. prof. Stephen Partridge, prof. Thilo Kroll – School of Nursing and Health Sciences, dr. Wendy Moncur) and research students (incl. Daniel Herron) at DJCAD, University of Dundee, Dundee. Participated in a tour of the Social Dimensions of Health Institute (SDHI).

Monday 25-Tuesday 26 April: took the sleeper train to London together with dr. Wendy Moncur (University of Dundee), for a research collaboration meeting with Microsoft Research Cambridge.

Links/collaborations that have been created and/or enhanced and activities or actions which are planned as a result:

Heriot-Watt University: Hoven's seminar was well attended and extremely well received. She also kindly spent time with my group and the texture lab groups giving very sound advice to the research fellows and PhD students and spending time thoughtfully answering all their questions. We are hopeful given this positive interaction that a proposal for a workshop at CHI 2017 with her group, Dundee and HW can be achieved.

University of Edinburgh: Hoven's seminar, part of the Design Informatics series was extremely warmly received, she attracted a good interdisciplinary audience and engaged in a rich conversations surrounding the themes of the memories, forgetting and interaction design. She offers an engaging narrative to compliments many of the research interests of the Centre. Speed subsequently met with her in Brisbane at the ACM Designing Interactive Systems conference where we discussed the potential for collaborations. Her joint appointment in Europe at TU Eindhoven provides further opportunities to collaborate and develop European conversations regarding memory, archives and interaction design.

University of Dundee: Hoven's visit to Dundee consolidated the ongoing research collaboration with Moncur, that will both result in grant proposals to appropriate funding agencies, joint publications, and in sustainable approaches to ensuring the wider impact of research findings. Concrete examples include a Microsoft PhD studentship, starting late 2016; supervision of joint PhD student Daniel Herron from 2014-2018, collaborating on a journal special issue for "Design Issues". Her SICSa visit has also enhanced international links between UTS and the University of Dundee more widely, as Hoven met with senior staff (Croudace, Kroll, Smith) who are involved in this initiative, enabling discussion at the intersection of HCI and Health Sciences.

University of St. Andrews: Hoven's seminar was well received and sparked a lively conversation among attendees. Dr Hoven was also shown demonstrations at the SACHI lab and had the opportunity to discuss research with students and faculty.