Value Sensitive Design: Charting the Next Decade
14-18 November 2016 @Oort

Description and aims. Value sensitive design (VSD), under development for almost two decades, offers a theoretical and methodological framework to account for values in design. Some of the current challenges to VSD are to account for the increased embeddedness of computing and information systems in society, and to consider interaction with technology over time and context. The workshop had three primary goals: (1) to identify a set of grand challenges to shape the next 5-10 years of work in value sensitive design; (2) to identify community resources that could be built to help the value sensitive design research community to flourish over the next decade; and (3) to build a value sensitive design research community comprised of young and senior scholars.

Tangible outcome. Before, during and after the workshop, participants jointly worked on writing 'VSD nuggets' and 'grand challenges'. A VSD nugget is a 3-5 page piece of writing on a new idea, method, challenge, application or other concept related to VSD. A grand challenge is a research challenge that requires work of multiple researchers over a longer period of time. We collected about 25 VSD nuggets (written individually), and 14 grand challenges (written in groups). We will publish these, together with a summary of the workshop in the *Journal of Ethics and Information Technology*. Publication is anticipated for late spring 2017. Participants also sketched a plan for future workshops/conferences, including applying for a Dagsthul Seminar (Germany, 2017), a Whiteley Center Meeting (United States, 2018), and a larger conference at TU Delft (The Netherlands, 2018 or 2019).

Scientific breakthrough. Identified these grand challenges: Frameworks for eliciting, defining and prioritizing values; Framing and addressing value tensions; Stakeholders; Value sensitive design and practice; Value sensitive design pedagogy; Evaluation and critique; Value sensitive design and tech policy; Application areas; Accounting for power; Cultural sensitivity; Value sensitive design and intelligent algorithms; and Values and emotions.

"Aha" moments. (1) Hands-on experiences and demonstrations were wildly appreciated by participants; (2) Broad interest in bringing VSD to new application and research contexts; and (3) Facilitated a good number of new introductions among researchers, both junior and senior.

Workshop format. The workshop program contained a mix of the following formats:
- 1 minute introductory presentations (all participants had submitted 1 slide)
- Working groups (working on grand challenges)
- Presentations (to set the stage and to report back from working group)
- Distinguished conversations (interviews and group discussions with keynote speakers)
- Workshopping papers (short presentations of ongoing work with discussant)
- Hands-on experience sessions (demonstrations of VSD research and teaching/training methods)
- Writing nugget peer review
- Unconference sessions (open slots for discussion groups on topics proposed by participants)

Some of the Highlights were: the 1 minute introductory presentation (to get to know each other), Hands-on experience sessions (we organized an extra session because participants asked for it), and the Distinguished conversations (more interactive than a keynote talk).

Other comments. The feedback provided by the Lorentz Center was very useful, both on proposal before submitting (which helped us formulate clearer desired outcomes), and on the workshop program at the intake (e.g. sufficient breaks, allow for flexibility in the program, Thursday is often the most productive day).

Batya Friedman Seattle, USA
Maaike Harbers Delft, The Netherlands
David Hendry Seattle, USA
Jeroen van den Hoven Delft, The Netherlands
Catholijn Jonker Delft, The Netherlands