

IEEE P7008 Working Group Meeting

2019-07-15, 1100-1230 EDT

Teleconference

Draft Minutes

(Ken Bell, WG Secretary)

1. Call to Order

The meeting was called to order at 1103 by the Working Group Chair, Sean Dougherty.

2. Roll Call and Affiliation Declarations

A list of attendees is attached. A quorum was present.

3. Approval of Agenda and 01 July Minutes

(Mover: John, Second: Patrick) The agenda, and minutes of the previous meeting, were approved without objection.

4. IEEE Patent Policy: Call for Patents

The call for patents was raised. Sabrina mentioned she may have pertinent IP. Christy advised a separate discussion. For working group awareness, the term ‘nudge engine’ may constitute protected IP.

5. Review Of Working Document annotated 05 July

5.1 The document must combine a guide to explorers (terra incognita) with engineering specifications.

5.2 The difference between informative references and normative (binding) references was clarified.

5.3 Given that “nudge engine” may be protected, the group decided to stress usage of “nudge systems”, which may contain “nudge agents”, as public-domain terms.

5.4 Stakeholder analysis should be one of the activities included in sections 6-7: Design Tools/Methodology. Different stakeholders could be profiled in guidance.

5.5 The ‘components’ of a nudge system should be outlined. This may involve outlining the steps involved in a nudge ‘process’. Interoperability standards and harmonized vocabulary should be considered.

5.6 Bias was discussed extensively. In addition to receiver bias (the target of the nudge) and system bias (sensors, code or stored data), bias in creation (for example, paternalism) and bias in the technological delivery system (for example, paper versus swipe screens) were identified. Frustrating user interfaces could be construed as a form of harm.

6. New Business

Ken Bell was announced as Secretary.

7. Recap Action Items

- 7.1 Develop a preamble, introductory overview of bias (Ken)
- 7.2 Introduce ethics terminology (John)
- 7.3 Begin to harmonize glossary/definitions (Gregg)
- 7.4 Start describing the components/process involved in a nudge system.

From before:

- 7.5 Develop a summary discussion of some probable harms
- 7.6 Start cataloging methods of risk assessment.

8. Future Meetings

- 29 July, 11:00 AM - 12:30 PM (EDT)
 - 12 August, 11:00 AM - 12:30 PM (EDT)
 - 26 August, 11:00 AM - 12:30 PM (EDT)
- Dates and times past these to be discussed.

9. Adjournment

The meeting was adjourned at 1235 ET. Next Meeting 2019-07-29, 1100-1230ET

Attendees:

| Last Name | First Name | Affiliation | Officer | Role |
|-----------|----------------------|----------------------------------------|------------|------|
| Bahn | Christy | IEEE-SA | | S |
| Bell | Ken | BDO Canada LLP | Secretary | V |
| Chen | Robin | North University China | | V |
| Dougherty | Sean | Consultant | Chair | V |
| Gunsch | Gregg | Self | | V |
| Hailey | Vicky | VHG | | NVM |
| Henz | Patrick | Primetals Technologies | | V |
| Hsueh | Pei-Yun (Sabrina) | Self | | V |
| Mandal | Sukanya | Self | | V |
| Sullins | John | Sonoma State University, California | Vice-Chair | V |
| Veryard | Richard | Unaffiliated | | V |
| Zunger | Yonatan | Humu | | NVM |

| | |
|------------------------|------------------------------------|
| Role Legend | V = Voting Member |
| | NVM = Non-voting Member |
| | P = Participant |
| | S = Staff |