

Aimee van Wynsberghe
Curriculum Vitae

Department of Philosophy
Technical University of Delft
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Employment:

Asst Professor (Tenure Track), Technical University of Delft	2017- present
Asst Professor, University of Twente	2014 - 2017
Visiting Research Fellow, University of Washington	2015
Post-doctoral researcher, University of Twente	2012 – 2014

Areas of Specialization:

Robot Ethics, AI Ethics, Applied Ethics, Care Ethics, Value Sensitive Design

Education:

2012 – University of Twente (PhD, Applied Ethics). Thesis: *Designing Care Robots with Care: creating an ethical framework for the future design and implementation of care robots.*
2008 – Erasmus Mundus (M.A., Bioethics, Cum Laude)
2007 – Catholic University of Leuven (M.A., Applied Ethics)
2006 – University of Western Ontario (B.Sc., Honours-Cell Biology)

Professional Organizations:

European Commission High Level Expert Group on AI, *Rapporteur for Values and Principles working group* - 2018 - Present
Foundation for Responsible Robotics, *President & Co-Founder*, 2015 – Present
(responsiblerobotics.org)
Institute for Accountability and Internet Democracy, *Board of Directors*, 2017 – Present
(aidinstitute.org)
Netherlands Alliance for AI (ALLAI), *Board of Directors*, 2018 – Present
XPRIIZE, *Advisory Board*, 2018 - Present
4TU Robotics Task Force, *Coordinator*, 2014- 2018
Journal for Frontiers in Robotics and AI, *Editorial Committee member*, 2016-Present
Robohub, *Expert member*, 2017-Present
AI and Intelligent Automation, *Advisory Board*, 2017- 2018

Books:

Robots in Healthcare: design, development and implementation. 2016. Routledge. New York, NY.

Selected Publications (first author)

Citations: **510** | H-Index: **12**

- “Critiquing the Reasons for Artificial Moral Agents”, *Science and Engineering Ethics*. (2018) DOI <https://doi.org/10.1007/s11948-018-0030-8>.
- “The Dawning of the Ethics of Environmental Robots”, *Science and Engineering Ethics*. (2017, Online First). DOI: <https://doi.org/10.1007/s11948-017-9990-3>
- “Service Robots, Care Ethics, and Design”, *Ethics and Information Technology* 18(4) (2016) DOI: <https://doi.org/10.1007/s10676-016-9409-x>
- “Civilising Drones by Design” in Ezio Di Nucci and Filippo Santoni de Sio (eds.), *Drones and Responsibility*. Ashgate Publishers, 2015. (with Nagenborg, M.)
- “Ethical Considerations of using information obtained from online file sharing sites: the case of the PirateBay,” *Journal of Information, Communication and Ethics in Society* 13 (2015): 256 – 267.
- “The Leadership Role of the Ethicist: balancing between the Authoritative and the Passive,” *Technoethics* 5(2) (2014): 11-21.
- “Ethicist as Designer: a pragmatic approach to ethics in the lab,” *Science and Engineering Ethics* 20 (4) (2014): 947-61. DOI: 10.1007/s11948-013-9498-4
- “A Method for Integrating Ethics into the Design Process of Robots,” *Industrial Robot* 40(5) (2013): 433 - 440.
- “Designing Care Robots for Care: Care Centered Value-Sensitive Design,” *Science and Engineering Ethics* 19(2) (2013):407-33. DOI: <https://doi.org/10.1007/s11948-011-9343-6>
- “Robots in Healthcare: philosophical insights on the impact of robots on the healthcare tradition,” in M. Schermer, M. Boenink & G. Meynen (eds.), *Komt een filosoof bij de dokter*. Boom, Amsterdam, 2013.
- “Telepsychiatry and the meaning of in-person contact: an ethical appraisal,” *International Journal of Medicine, Philosophy and Healthcare* 12(4) (2009): 469-76. (with Gastmans, C.)
- “Telesurgery: an Ethical Appraisal. *Journal of Medical Ethics*,” 34 (2008):e22. (with Gastmans, C.) DOI: <http://dx.doi.org/10.1136/jme.2007.023952>

Invited Addresses (Selected):

- Speaker at the Pontifical Academy of Sciences *Robotics, AI, and Humanity: Science, Ethics, and Policy Workshop*, Vatican City, May 2019
- “Implementation of the European strategy on Artificial Intelligence”, Invited Panelist, AiParis Conference, Paris, FR, May 2019
- “The Ethics and Accountability of AI”, Invited Panelist x2, Mobile World Congress 2019, Barcelona, SP, February 2019
- “Ethics of Robotics and Artificial Intelligence”, Keynote Speaker, PWC Ethics in the Boardroom Event, Amsterdam, NL, December 2018
- “Ethics, Healthcare, and Robotics”, Keynote Speaker, AMS Phoenix Conference, Toronto, CA, November 2018
- “Fireside Chat with Paul Michelman on Robot Ethics”, Invited speaker, Web Summit, Lisbon, Portugal, November 2018.
- “Technology in Healthcare”, Invited Panelist x2, Connected Health Conference, Boston, USA, October 2018
- “Ethics of Robots and Artificial Intelligence”, Keynote Speaker, Deloitte Women in STEAM event, Leiden, NL, October 2018

- “Regulating the Robots: the Ghost in the Smart Machine”, Invited Speaker, The Economist’s Innovation Summit: building the intelligent company”, London, Sept 2018
- “Responsible AI for a future worth wanting”, Keynote address, IT Web, Artificial Intelligence Workshop, South Africa, Aug 2018
- “The Ethics of Robots in Humanitarian Aid”, Conference speaker, University of Sendai, Japan, July, 2018
- “Ethics to Inspire Innovation in AI”, Invited Speaker, AI for Good, Geneva, Switzerland, May 2018.
- “What could be tomorrow's issues on Accountability and Internet Democracy”, Panelist, The Hague Summit on Accountability and Internet Democracy, Peace Palace, the Hague, May 2018.
- “AI may be a black box but the Ethical Issues resulting from AI are not.” Invited speaker, Deloitte, Arnhem, the NL, April 2018.
- “More data, More Problems”, Keynote speaker, ABN-AMRO WTT Insights Live, Rotterdam, Feb 2018.
- “Be adaptable, take risks”. Commencement address, ATLAS program University of Twente, class of 2017. Feb 2018.
- “Innovation and the Future of Work – Are Robots our Partners or our Competitors?”, Panel Discussion, FT-EIB Global Investment Forum, Dec 2017.
- “Discussing Ethics and Robotics”, Invited speaker, Web Summit, Lisbon, Portugal, Nov 2017.
- “The Ethics of Ethical Robots”, Invited Speaker, Rotman Institute for Science and Values, London, Canada, March 2017.
- “Ethics not included: the impact of robots and AI on the labour market”, Invited Speaker, EESC Hearing on Robotics and AI, European Parliament, Feb 2017.
- “Ethical Issues in Robotics”, Opening address European Robotics Week. Nov 2016.
- “Ethics and Robots,” Panelist, Leiden International Film Festival (Brave New World), Nov 2016.
- “Ethics of Symbiotic Interaction” Panel Expert, 5th International workshop on Symbiotic Interaction, Sept 2016.
- “Ethics and Care Robots,” Invited Speaker, Qua Art Qua Science, Nov 2015.
- “Unintended uses of information from online social networking sites; a framework to stimulate reflection on values,” Stuttgart Media University, Nov 2014.
- “Ethics and Big Data,” Invited presenter, COMMIT community days, Oct, 2014.
- “Ethics, Privacy and Design,” Keynote lecture, IFIP Summer school on privacy and identity management. Sept, 2014.
- “Designing Care Robots for Care,” NVBe (Dutch Society for Bioethics), Mar, 2012.
- “A Framework for Integrating Ethics in the Design Process of Care Robots,” Yale University, Dec 2011.

Awards and Distinctions:

L’Oreal-Unesco Women in Science Laureate, 25,000 Euros	2018
British Academy Small Research Grant, 9000 GBP	2018
One of Robohub’s <i>Women to Know in Robotics</i>	2017
Techionista <i>Women in Tech</i> award (nominated)	2017
NWO <i>Veni Personal Research Grant</i> , 250.000 Euros	2015
<i>UTwente Female Incentive Fund Scholarship</i>	2015
<i>Viva 400</i> , Nominated as a “Clever Head”	2015

<i>Georges Giralt Award for Best PhD thesis in Robotics</i> (nominated)	2012
<i>PhD Carousel Award</i> , Centre for Telematics and Information Technology	2011

Interviews

Healthcare Information and Management Society (HIMSS). October 2018.

<http://himsstv.brightcovegallery.com/detail/videos/latest-videos/video/5989112071001/robotics-giving-rise-to-ethical-healthcare-issues?autoStart=true>

AI for Good Global Summit. May 2018.

https://www.youtube.com/watch?time_continue=1&v=PM9AOxVIvws

Press

Burbidge, M. (2018, August 02). Ethics, robotics and AI: Where do the three meet? Retrieved from <https://www.itweb.co.za/content/8OKdWqDEp12vbznQ/p6GxRKMYDa7b3Wjr>

Doyle, K. (2018, July 04). Alongside AI's benefits, there are also risks. Retrieved from <https://www.itweb.co.za/content/mYZRXv9PDErqOgA8>

Ricci, A. D. (2018, June 21). L'Ue sta portando avanti un piano sull'intelligenza artificiale, ma in Italia nessuno ne parla. Retrieved from <http://www.linkiesta.it/it/article/2018/06/21/lue-sta-portando-avanti-un-piano-sullintelligenza-artificiale-ma-in-it/38525/>

Boogert, E. (2017, June 19). Europese Commissie benoemt denktank AI. Retrieved from <https://www.emerce.nl/nieuws/europese-commissie-benoemt-denktank-ai>

Drone technology may radically alter human society: Report. (2017, June 8). Retrieved from <https://www.theweek.in/news/sci-tech/2018/06/08/Drone-technology-may-radically-alter-human-society-Report.html>

Adler, S. (2018, June 1). The bottom line of ethics and governance in AI. Retrieved from <https://www.aiaa.net/artificial-intelligence/news/the-bottom-line-of-ethics-and-governance-in-ai>

International AI expert Aimee van Wynsberghe to headline ITWeb Artificial Intelligence 2018. (2018, April 23). Retrieved from <http://pressoffice.mg.co.za/ITWeb/PressRelease.php?StoryID=282859#author>

Doyle, K. (2018, April 19). World expert for ITWeb Artificial Intelligence 2018. Retrieved from <https://www.itweb.co.za/content/KWEBb7yalR17mRjO>

Tener sexo con robots, una práctica con defensores y detractores. (2018, March 22). Retrieved from https://tn.com.ar/salud/lo-ultimo/tener-sexo-con-robots-una-practica-con-defensores-y-detractores_858139

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Cosimi, S. (2018, January 26). Se i robot faranno sesso con noi. Ecco Solana, la bambola che cambia volto e personalità. Retrieved from http://www.repubblica.it/tecnologia/2018/01/25/news/se_i_robot_faranno_sesso_con_noi_e_cco_solana_la_bambola_che_cambia_volto_e_personalita_-187271418/

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Weston, P. F. (2018, January 05). Sex robots could make MEN obsolete as women of the future get wooed by 'dashing menbots' who will also do the housework, Harvard mathematician claims. Retrieved from <http://www.dailymail.co.uk/sciencetech/article-5238357/Sex-robots-make-MEN-obsolete.html>

Mira, M. (2018, January 1). Tíz éven belül robotokkal szexelhetünk: Veszélyesebb lesz, mint hinnénk. Retrieved from <https://femina.hu/terasz/szex-robotok/>

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Emmons, L. (2017, November 08). Indulging Your Darkest Desires With A Sex Doll Will Not Protect Anyone, Including Yourself. Retrieved from <http://thefederalist.com/2017/11/08/indulging-darkest-desires-sex-doll-will-not-protect-anyone-including/>

Oliveira, P. (2017, November 7). Web Summit: Os robôs também têm direitos? Retrieved from <http://exameinformatica.sapo.pt/noticias/mercados/2017-11-07-Web-Summit-os-robos-tambem-tem-direitos->

Keay, A., Siegel, H., & Hauert, S. (2017, October 10). 25 women in robotics you need to know about – 2017. Retrieved from <http://robohub.org/25-women-in-robotics-you-need-to-know-about-2017/>

100 Women: Whos going to lose out from automation? (2017, October 6). Retrieved from <http://www.bbc.com/news/world-us-canada-41286697>

Pettit, H. (2017, September 11). Hackers could order sex robots to kill their human lovers. Retrieved from <http://www.dailymail.co.uk/sciencetech/article-4873206/Hackers-order-sex-robots-kill-human-lovers.html>

Mattin, D. (2017, September 10). Welcome to Augmented Modernity. Retrieved from <https://shift.newco.co/welcome-to-augmented-modernity-3881b63c8eb5>

Howard, K. (2017, September 08). What Did Cherry 2000 Get Right About 2017? Retrieved from <http://www.denofgeek.com/us/movies/cherry-2000/267458/what-did-cherry-2000-get-right-about-2017>

Hill, M., & Collins, D. (2017, August 29). Brothel reveals how business is booming after bringing in a realistic sex robot. Retrieved from <https://www.thesun.co.uk/news/4348776/brothel-dublin-sex-robot-doll-passion-dolly/>

El futuro ya está aquí: La industria de los robots sexuales sube a un nuevo nivel. (2017, August 16). Retrieved from <https://mundo.sputniknews.com/tecnologia/201708161071610775-munecas-sexo-robotica-tecnologia/>

Werber, C. (2017, August 11). Humans and robots are on the cusp of a sexual intimacy we may never reverse. Retrieved from <https://qz.com/1049138/sex-with-robots-is-on-the-cusp-of-becoming-a-worrying-reality-warns-a-robot-ethicist/>

Thorpe, J. (2017, August 9). Should We Be Worried About Sex Robots? Retrieved from <https://www.bustle.com/p/should-we-be-worried-about-sex-robots-69424>

Overgoor, R. (2017, July 25). Aimee van Wynsberghe (Foundation for Responsible Robotics): "Ethiek hoeft innovatie niet te remmen". Retrieved from <https://www.marketingfacts.nl/berichten/aimee-van-wynsberghe-foundation-for-responsible-robotics-ethiek-hoeft-innov>

Robotonderzoeker Aimee van Wynsberghe: 'Een goed ontwerp houdt rekening met ethiek'. (2017, July 24). Retrieved from <https://www.sprout.nl/artikel/sprout-tv/robotonderzoeker-aimee-van-wynsberghe-een-goed-ontwerp-houdt-rekening-met-ethiek>

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Hill, M. (2017, July 09). Dublin brothel rents out 32E SEX DOLL for £80 an hour...and 'Passion Dolly' gets scores of visitors every week. Retrieved from <https://www.thesun.co.uk/living/3979975/dublin-brothel-rents-out-32e-sex-doll/>

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Siddique, H. (2017, July 05). Sex robots promise 'revolutionary' service but also risks, says study. Retrieved from <https://www.theguardian.com/technology/2017/jul/05/sex-robots-promise-revolutionary-service-but-also-risks-says-study>

섹스로봇 부작용 매우 심각. (2017, July 5). Retrieved from

<https://www.sciencetimes.co.kr/?news=섹스로봇-부작용-매우-심각>

Onderzoek: 'Seksrobots kunnen zorgen voor revolutie'. (2017, July 5). Retrieved from

<https://www.rtlnieuws.nl/geld-en-werk/onderzoek-seksrobots-kunnen-zorgen-voor-revolutie>

Furness, D. (2017, July 05). New report explores the good, the bad, and the ugly about sex robots. Retrieved from <https://www.digitaltrends.com/cool-tech/sex-robots-report/>

O'Callaghan, L. (2017, July 05). Sex robots are FUTURE of intimacy claims study - but experts issue WARNING over technology. Retrieved from <https://www.express.co.uk/life-style/life/824934/sex-robots-dolls-report>

Noel, S., & Van Wynsberghe, A. (2017, March 10). Comment: Will robots take our rights, our jobs and our dignity? – The Engineer. Retrieved from

<https://www.theengineer.co.uk/comment-will-robots-take-our-rights-our-jobs-and-our-dignity/>

Noel, S., & Van Wynsberghe, A. (2017, January 30). Do we need robot laws? Retrieved from

<https://www.prospectmagazine.co.uk/britishacademy/do-we-need-robot-laws>

2050: Probabilmente sarà possibile sposare un robot Caltanissetta notizie, cronaca, attualità - Il Fatto Nisseno (2017, January 01). Retrieved from <http://www.ilfattoNisseno.it/2017/01/2050-probabilmente-sara-possibile-sposare-un-robot/>

Considering robot care, ethics & future tech at #ERW2016 European Robotics Week. (2016, November 29). Retrieved from <http://robohub.org/considering-robot-care-ethics-future-tech-at-erw2016-european-robotics-week/>

Higginbotham, S. (2015, December 11). Elon Musk, Amazon Create Artificial Intelligence Research Center. Retrieved from <http://fortune.com/2015/12/11/open-ai/>