

# Scott Robbins PhD, MSc

## Curriculum Vitae

Centre for Advanced Security,  
Strategic, and Integration Studies  
University of Bonn  
Germany  
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### Employment

Post Doc Research Fellow, University of Bonn	2021 – present
PhD Researcher, Technical University of Delft	2017 – 2021
Researcher, Free University Amsterdam	2013 – 2016
Research Assistant to Dr. Johnny Soraker	2013
Computer Programmer/Analyst , Aqua Star	2008 – 2010
Software Engineer, Harborview Medical Center	2008
Application Developer, i2i Systems	2007 – 2008
Computer & English Teacher, Dharamsala India	2007
Web App Developer, Chevron Corporation	Summer 2006
Web App Developer, Chevron Corporation	Summer 2005
Web Developer, CA University Chico	2004 - 2006

### Areas of Specialization

AI Ethics, Philosophy of AI, Ethics of Technology, Philosophy of Technology, Data Ethics

### Education

University of Twente (MSc, Ethics & Technology, <b>Cum Laude</b> ). Thesis: <i>The Virtues and Vices of Technology in the Classroom</i>	2011 – 2013
California State University, Chico (MSc, Computer Science, <b>Cum Laude</b> )	2002 – 2006

### Publications

Citations: **205** | H-Index: **6**

- “Bulk Data Collection Ethics”. (forthcoming, 2020). In Miller, S. (ed), *Counter Terrorism: The Ethical Issues*. Edward Elgar. UK. **Single Author**.
- “Machine Learning, National Security, and Ethics” (forthcoming, 2021). In Clarke, M., Henschke, A., & Legrand, T. (eds), *Palgrave Handbook of National Security*. Palgrave.
- “A Misdirected Principle with a Catch: Explicability for **AI**”. (2019). *Minds and Machines*. <https://doi.org/10.1007/s11023-019-09509-3>. **Single Author**.
- “**AI** and the path to envelopment: knowledge as a first step towards the responsible regulation and use of **AI**-powered machines”. (2019) *AI & SOCIETY*. <https://doi.org/10.1007/s00146-019-00891-1>. **Single Author**.
- “Critiquing the Reasons for **Artificial Moral Agents**”, *Science and Engineering Ethics*. (2018) DOI <https://doi.org/10.1007/s11948-018-0030-8>. With Dr. Aimee van Wynsberghe

- “Nothing Comes between My Robot and Me’: Privacy and Human-Robot Interaction in Robotised Healthcare” (2018) in Leenes, R., van Brakel, R., Gutwirth, S., & De Hert, P. (Eds.). *Data Protection and Privacy: The Internet of Bodies*. With Fosch Villaronga et. Al.
- “Designing for Democracy: Bulk Data and Authoritarianism” (**first author**), *Surveillance and Society* 15 (3/4). (2017): 582-589. DOI: <https://doi.org/10.24908/ss.v15i3/4.6606>. With Dr. Adam Henschke
- “Our sexual future with robots”. *Foundation for Responsible Robotics*. (2017). <https://responsible-robotics-myxf6pn3xr.netdna-ssl.com/wp-content/uploads/2017/11/FRR-Consultation-Report-Our-Sexual-Future-with-robots-pdf>. With Prof. Dr. Noel Sharkey, Dr. Aimee van Wynsberghe & Eleanor Hancock
- “Ethicist as Designer: a pragmatic approach to ethics in the lab,” *Science and Engineering Ethics* 20 (4) (2014): 947-61. DOI: <https://doi.org/10.1007/s11948-013-9498-4>. With Dr. Aimee van Wynsberghe

## Editing

*Counter Terrorism, Ethics, and Technology*. Henschke, A., Reed, A., & Robbins, S. (eds.). Springer. Dordrecht, NL.

## Professional Organizations & Memberships

Foundation for Responsible Robotics, <i>Organizing Committee</i> & <i>Founding Member</i> ( <a href="https://responsiblerobotics.org">https://responsiblerobotics.org</a> )	2015 – Present
4TU Centre for Ethics & Technology, <i>Member</i> ( <a href="https://ethicsandtechnology.eu">https://ethicsandtechnology.eu</a> )	2017 – 2021
Dutch Research School of Philosophy (OZSW)	2014 – 2021
Ideefiks (Study Association for PSTS Masters Program at UTwente), <i>Board Member</i>	2012 – 2013
PSTS Masters Program Committee, <i>Member</i>	2012 – 2013

## Awards

- Network Institute Academy Assistant grant entitled "Ethical Implications of Self-Improving Intelligent Robots". Received 2 funded assistants to work on the project.
- Selected as the Department of Philosophy's candidate for the Twente Graduate School (TGS) PhD award.
- University of Twente Scholarship Recipient (10.000 Euros/Year)

## Presentations

- “What Machines Shouldn’t Do: **Meaningful Human Control** over **AI**”. Speaker at [Ethicomp 2020](https://youtu.be/qLK58mbnNX4) in Rioja, Spain. June 2020. <https://youtu.be/qLK58mbnNX4>
- “What Machines Shouldn’t Do: Meaningful Human Control over AI”. Colloquium Speaker at Delft University, NL. December 2019.
- “**Bulk Data Collection Ethics**”. Speaker at Georgetown University *Counter Terrorism Ethics Workshop* in Washington D.C., USA, November 2019.

- “The Ethics of **Machine Learning** for Counter Terrorism”. Invited speaker at the Karlsruhe Institute of Technology *Ethics of Mass Surveillance* conference. Karlsruhe, Germany, April 2019. <https://web.archive.org/web/20190416113609/https://philevents.org/event/show/67830>
- “**Machine Learning**, Counter Terrorism, & Ethics”. Speaker at the Oxford University *Counter Terrorism Ethics Workshop* Oxford, UK, March 2019
- “Counter-terrorism and **Machine Learning**”, Speaker at the Georgetown University *Counter Terrorism Ethics Workshop* in Washington D.C., USA, November 2018.
- “**Bulk Data** Collection Ethics”, Speaker at the *Amsterdam Privacy Conference* in Amsterdam, NL, October 2018. <https://web.archive.org/web/20190309163018/https://www.apc2018.com/>
- “The **Ethics of Bulk Metadata Collection** for Counter-Terrorism”, Speaker at the Oxford University *Counter Terrorism Ethics Workshop* in Oxford, UK, June 2018.
- “Encryption and Counter Terrorism”, Speaker at the Oxford University *Counter Terrorism Ethics* workshop in Oxford, UK, February 2018.
- “**Privacy**, Healthcare & Human-Robot Interaction”, Panelist at the *Computers, Privacy, and Data-Protection* conference in Brussels, BE, January 2018.
- “**Bulk Meta Data Collection** and Analysis: Ethics & Efficacy”, Speaker at the *Counter Terrorism Ethics* workshop in The Hague, NL, September 2017.
- “Bulk Meta Data Collection for Counter Terrorism”, Speaker at the *Counter Terrorism Ethics* workshop in The Hague, NL, June 2017.
- “**Responsible Robotics** and Moral Philosophy”. Session Chair, Robo-Philosophy in Aarhus, DK October 2016.
- “Philosophical Concepts, Robot Design, and Ethics”, Speaker at the *International Conference on Social Robotics* Paris, FR, October 2015. <https://web.archive.org/web/20161125222357/http://www.icsoro.org/icsr2015/workshops.html>
- “Moral Development and Situationism”, Speaker at the *Virtue and Moral Cognition* conference in Gdansk, PL, October 2015.
- “Evolutionary Debunking and Moral Realism”, Speaker at the *Dutch-Flemish Association for Analytic Philosophy* Conference in Rotterdam, NL, January 2015.
- “Evolution and the Justification of Moral Beliefs”, Speaker at the *European Epistemology Network Meeting* in Madrid, SP, June 2014.
- “No Free Lunch: Re-framing the Problem of Privacy Online”, Speaker at *Ethicomp* in Paris, FR, June 2014.
- “The Good Intuitor”, Speaker at the *New Moral Intuitionism* conference in Gdansk, PL, June 2014.
- “Don’t Believe the Hype: Evolution and Meta Ethics”, Speaker at the *Graduate Conference in Theoretical Philosophy* in Amsterdam, NL, May 2014.

## Teaching

- “Topics in Robotics”, Essay Supervisor. Delft University of Technology, 2018.
- “**AI Ethics**”, Lecturer for *Ethics of Healthcare Technologies*, 2018.
- “Ethics for Engineers”, Tutorial Leader. Delft University of Technology, 2017-Present.
- “Ethics for Aerospace Engineering”, Tutorial Leader. Delft University of Technology, 2017 – Present.
- “Evolutionary Debunking Arguments”, multiple lectures for *Current Debates in Philosophy* course. Free University Amsterdam. April 2016.
- “Virtue Ethics”, Single Lecture for *Ethics* course. University of Twente. May 2015.

“Virtue Epistemology”, Single Lecture for *Epistemology* course. Free University Amsterdam. April 2015.

“Meta Ethics”, Single Lecture for *Ethics* course. University of Twente. April 2015.

“Foundationalist Epistemology”, Single Lecture for *Epistemology* course. Free University Amsterdam, 2015.

“Virtue Ethics”, Single Lecture for *Ethics, Technology, and Medicine* course. University of Twente. February 2013.

## Supervision

Nils Herber. Masters Thesis: “Towards Explaining Automated Credit Decisions: The design of an Explicability Assessment Framework (EAF) for **Machine Learning** Systems”. Graduation Committee and Supervisor. (2019).

## Professional Activities

*Ethics & Information Technology*, Reviewer

*Science & Engineering Ethics*, Reviewer

*Philosophy & Technology*, Reviewer

*AI & Ethics*, Reviewer

*Frontiers in AI & Robotics*, Reviewer

*LACAP*, Reviewer