Jeffrey White

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Education

Ph.D.   Philosophy, University of Missouri - Columbia, 2006
                         Dissertation: *Conscience: toward the mechanism of morality*
M.A./M.S.   Philosophy/Chemistry, Cleveland State University, 2001
B.A./B.S.   Philosophy/Chemistry, Bowling Green State University, 1996

Appointments and activities

2022 - present: Collaborator, IFILNOVA Mind, Cognition and Knowledge group, Lisbon https://ifilnova.pt/en/research-groups/lmckg/

2017- present: Visiting researcher, cognitive neurorobotics, Okinawa Institute of Science and Technology https://groups.oist.jp/cnru

2021-2022: Associate researcher, NOVA-LINCS, Lisbon
2021: Senior lecturer (philosophy) – Eindhoven Technical University, Netherlands
2018-2020: Assistant Professor (philosophy) - University of Twente, Netherlands
2015-2016: Researcher (cognitive robotics) – KAIST, Korea
2010-2015: Assistant Professor (philosophy) – KAIST, Korea
2001-2006: Teaching assistant (philosophy) – MU-Columbia, Missouri, USA
1998-2001: Graduate assistant (philosophy/chemistry) – CSU, Ohio, USA
1992-1994: Laboratory technician/assistant (chemistry) – BGSU, Ohio, USA

Editor, student forum, *AI & Society* https://www.springer.com/journal/146
Area editor, PhilPapers.org: *Ethics of Artificial Intelligence, Moral Status of Artificial Systems, Machine Ethics*

Reviewer: *AI; Automation; Sustainability; Control and Intelligent Systems; J; Entropy; Adaptive Behavior; Philosophy & Technology; Philosophies; Prometheus; Plos One; Minds and Machines; Science & Engineering Ethics; Ethics & Information Technology; Techne; various Frontiers titles; Philosophical Psychology; HYLE; Communitas; AI & Society; ...*

Publications: single-authored

"Augustine and an artificial soul" (proceedings) Embodied Intelligence 2023   *in press*

"Augmenting Morality through Ethics Education: the ACTWith model" *AI & Society*   *in press*

"On a possible basis for metaphysical self development in natural and artificial systems" (article) *Filozofia i Nauka: Philosophical and Interdisciplinary Studies (*http://filozofiainauka.ifispan.waw.pl/wp-content/uploads/2022/05/White_71.pdf)   2022

"Autonomous Reboot: Kant, the categorical imperative, and contemporary challenges for machine ethicists" (article) *AI & Society (*https://link.springer.com/article/10.1007/s00146-020-01142-4)   2022

"Autonomous Reboot: Aristotle, autonomy and the ends of Machine ethics" (article) *AI & Society* (https://link.springer.com/article/10.1007/s00146-020-01039-2)   2022

"Finding the "I" with AI: self and its place in the natural order" (proceedings) for the 2021 Summit of the International Society for the Study of Information (IS4SI), *MDPI Proceedings*   2021

"The role of AI and robotics in technologically mediated human evolution" (article) *AI & Society* (https://link.springer.com/article/10.1007/s00146-019-00877-z)   2020

"Dreyfus on the 'fringe': information processing, intelligent activity, and the current status of thinking machines" (article) *AI & Society (*https://doi.org/10.1007/s00146-018-0837-5)   2019

"Simulation, self-extinction, and philosophy in the service of human civilization" (article) *AI&Society*, Springer (https://link.springer.com/article/10.1007/s00146-015-0620-9)   2016

"Models of moral cognition" (book chapter) Model-Based Reasoning in Science and Technology, *SAPERE,* Springer (https://link.springer.com/chapter/10.1007/978-3-642-37428-9_20)   2014

"A general theory of moral agency grounding computational implementations: the ACTWith model" (book chapter) *Computational Intelligence,* Alexandru Floares (editor) Nova Science Publishers   2012

"An Information Processing Model of Psychopathy and Anti-Social Personality Disorders ..." (book chapter) *Psychology of Morality*, Angelo Fruili and Luisa Veneto (editors) Nova Science Publishers   2012

Publications: single-authored

"Autonomy Rebuilt: Rethinking Traditional Ethics Towards a Comprehensive Account of Autonomous Moral Agency" (article) *Natural Intelligence* (https://www.inns.org/assets/docs/ni_vol1i3_ss2012.pdf) — 2012

"Infosphere to Ethosphere" (article) *International Journal of Technoethics*, IGI Global (https://www.igi-global.com/article/infosphere-ethosphere-moral-mediators-nonviolent/62309) — 2011

"Understanding and Augmenting Human Morality: Introduction to the ACTWith model" (proceedings) *Studies in Computational Intelligence #314: Model-Based Reasoning in Science and Technology*, Lorenzo Magnani, C. Pizzi, and W. Carnielli (editors), Springer (https://link.springer.com/chapter/10.1007/978-3-642-15223-8_34) — 2010

"Conscience, Consciousness, Sciousness and Science: A glimpse at Neuroethics and the future of moral philosophy" (proceedings) World Congress of Philosophy XXII, Seoul (https://doi.org/10.5840/wcp22200842370) — 2008

"How Did Socrates Become Socrates? On the Socratic recipe for the philosophic life" (proceedings) (https://doi.org/10.5840/wcp22200821197) — 2008

"Heidegger and the Space of Life" (proceedings) (https://doi.org/10.5840/wcp22200819775) — 2008

"Good Will and the Conscience in Kant's Ethical Theory" (proceedings) (https://doi.org/10.5840/wcp222008101016) — 2008

Publications: co-authored

"Artificial thinking and doomsday projections: a discourse on trust, ethics and safety" (editorial, with Dietrich Brandt, Jan Soeffner, and Larry Stapleton) *AI & Society* https://link.springer.com/article/10.1007/s00146-023-01810-1 — *Nov 2023*

"Cognitive neurorobotics and self in the shared world, a focused review of ongoing research" (article, with Jun Tani) *Adaptive Behavior* https://journals.sagepub.com/doi/full/10.1177/1059712320962158 — 2022

"From biological to synthetic neurorobotics approaches to understanding the structure essential to consciousness (part 3)" (article, with Jun Tani) *APA Newsletter of Philosophy and Computing* 17(1) (https://www.apaonline.org/general/custom.asp?page=computers_newsletter) — 2017

Publications: co-authored

"From biological to synthetic neurorobotics approaches to understanding the structure essential to consciousness (part 2)" (article, with Jun Tani) *APA Newsletter of Philosophy and Computing* 16(2)　　　2017

"From biological to synthetic neurorobotics approaches to understanding the structure essential to consciousness (part 1)" (article, with Jun Tani) *APA Newsletter of Philosophy and Computing* 16(1)　　　2016

Books

Rethinking Machine Ethics in the Age of Ubiquitous Technology (edited collection, with Rick Searle) IGI Global (https://www.igi-global.com/book/rethinking-machine-ethics-age-ubiquitous/125523)　　　2015

Conscience: the mechanism of morality (draft monograph, under revision; ranked 327 of more than 87K documents in total downloads, and 405 in the past six months, on PhilPapers.org, https://philpapers.org/rec/WHICTM)　　　*monograph draft*

Book reviews

"Discoverability—the urgent need of an ecology of human creativity" (review of Magnani, 2022) *AI & Society* (https://link.springer.com/article/10.1007/s00146-023-01637-w)　　　2023

"Machine ethics: From machine morals to the machinery of morality" (review of Pereira and Lopes, 2020) *Prometheus*, Pluto (https://www.jstor.org/stable/pdf/10.13169/prometheus.36.4.0382.pdf)　　　2020

"Grounding Social Sciences in Cognitive Sciences" (book review of Sun, 2012) *Philosophical Psychology*, Taylor and Francis (https://www.tandfonline.com/doi/abs/10.1080/09515089.2014.926448)　　　2015

"Reflections on Understanding Violence" (book review of Magnani, 2011) *Biosemiotics*, Springer (https://link.springer.com/article/10.1007/s12304-012-9148-2)　　　2011

Forthcoming

"Self-abduction" (chapter) for Abductive Reasoning, Scientific Cognition and Computational Philosophy: Essays in Honor of Lorenzo Magnani (organized by Selene Arfini)

Courses Taught

KAIST

Introduction to Philosophy	2010, 2011, 2012, 2013, 2014
Ethics	2010, 2012, 2013, 2014
Philosophy of Mind	2010, 2013, 2014, 2015
Robot Ethics	2013, 2014
Minds and Machines (Summer/Winter)	2013, 2014
Information Ethics (Summer)	2014
Philosophy of Information	2015
Analytic Philosophy	2011

University of Eindhoven

SPRING 2021
• 4CBL20 (2020-4) E3 Challenge 2 on Data Health-Mobility-Energy - ethics content

University of Twente

SPRING 2020
• Information Technology (TCS)/Business Information Technology (BIT), graduation project semester (co-taught) - philosophy and ethics of technology and information
• Creative Technology, graduation project semester - philosophy and ethics of engineering design
• International Business Administration, graduation project semester - business ethics
• Mechanical engineering, fluid dynamics – engineering ethics
• Ethics and Technology II – graduate course in Philosophy - machine ethics

FALL 2019
• Information Technology (TCS)/Business Information Technology (BIT), graduation project semester (co-taught) - philosophy and ethics of technology and information
• Creative Technology, graduation project semester - philosophy and ethics of engineering design
• Electrical Engineering, graduate course "Perspectives on Engineering Design"
• Mechanical Engineering – first year engineering ethics

SPRING 2019
• International Business Administration – graduation project semester – business ethics
• Communication, graduation project semester – communication ethics
• Mechanical engineering, fluid dynamics – engineering ethics
• Creative technology, graduation project semester – philosophy and ethics of engineering design
• Information Technology (TCS)/Business Information Technology (BIT) – graduation project semester (co-taught) – philosophy and ethics of technology and information
• Psychology – philosophy and ethics of psychology tutorials
• Philosophy, graduate course Ethics and Technology II (co-taught)

Conferences, talks and seminars

International Society for the Philosophy of the Sciences of the Mind 2023 - "Differential development of religious cognition in natural and artificial systems" (speaker); session chair, Moral Cognition and Motivation, Agency and its Disorders	Nov 25 - Dec 2
Lisbon Mind, Cognition and Knowledge group - "Augmenting Moral Cognition: empathy training with the ACTWith model" (speaker)	Oct 11, 2023
Embodied Intelligence 2023 - "Augustine and developmental correlates of an artificial soul" (speaker)	2023
Lisbon Mind and reasoning group - "Happiness, purpose in life, and the self: what is outside of your head once you've have figured out what is inside it" (speaker)	2022
Summit of the International Society for the Study of Information (IS4SI) "Finding the "I" with AI – modeling self and its place in the natural order" (speaker)	2021
Sharif Graduate School - "Paper vs electronic reading devices, impacts on cognition and learning, and the value of a library" (speaker)	2021
Philosophy of human technology relations 2020, University of Twente – "On the potential to mediate cooperative social transformations in an era of ubiquitous revolt" (speaker; chair of Session 17: Technology and Politics)	2020
University of Twente Tech and Values Seminar – "Machine ethics: solving the moral hard problem" (speaker)	2020
OZSW – Amsterdam – "A Garden too Perfect? The Neglect of Cognition in the Landscape of Ecological Enactivism" (co-speaker)	2019
Kongress der Wissenssolziologie, Koblenz – "Artificial Objectification, its potential and reality" (speaker)	2019
University of Twente Philosophy Colloquium – "The Compass Point of Conscience: a Kantian interpretation of systems neuroscience" (speaker)	2019
Sharif Spring School Conference on Ethics of AI, Tehran - "Ethical issues in AI" (speaker)	2019
Dutch Research school of Philosophy (OZSW) 6th annual conference, University of Twente, Netherlands (session chair)	2018
University of Twente Tech and Values Seminar – "The role of AI and robotics in transitions through ongoing and anticipated critical periods: a constructive proposal" (speaker)	2018
World Congress of Philosophy, Beijing, session: #58 Philosophy of Artificial Intelligence (co-chair)	2018
Tilburg University, Netherlands – "Prospects for fully autonomous (Kantian) AMAs" - (speaker)	2017
Conference on Ethics and Artificial Intelligence, University of Agder, Norway - "Prospects for fully autonomous (Kantian) AMAs" - (speaker)	2017
OIST, Okinawa – "Prospects for fully autonomous AMAs" - (seminar)	2017
COGSCI 2017 (referee)	2017
TV Chosun Global Leaders Forum, Seoul, session: Abolishing Government – "Abolishing government? Managing transitions" (speaker)	2016
COGSCI 2016 (referee)	2016
ICISTS – KAIST 2015 (speaker)	2015
7th Beyond Humanism Conference, Ewha University, Seoul (speaker, session chair)	2015
COGSCI 2015 (referee)	2015

Conferences, talks and seminars

ICISTS – KAIST 2014 (speaker)	2014
COGSCI 2014 (referee)	2014
KAIST workshop on Abduction (MC)	2013
ICISTS – KAIST 2013 (speaker)	2013
MBR 2012, Italy, "Modeling non-violent social transformation" (speaker)	2012
MBR 2012, Italy, "Modeling Morality" (speaker)	2012
The Changing Face of War, Wiley-Blackwell Exchanges Online Conference Series (discussant)	2011
Harmony and Order vs. Spontaneity and Revolt in Eastern and Western Philosophies, The University of Hong Kong, "Toward a Universal Framework for Understanding Harmony and Revolt: the spontaneous as natural in Wittgenstein and Heidegger" (speaker)	2010
Model Based Reasoning (MBR) 2009, Brazil, "Understanding and Augmenting Human Morality: An Introduction to the ACTWith Model of Moral Cognition" (speaker)	2009
Seoul National University, "Philosophical Implications of Gender Differences in Brain and Cognition: a review of recent research" (guest lecture) Moon Sook Byeon (course instructor)	2008
World Congress of Philosophy XXII, Seoul National University, "Conscience, Consciousness, Sciousness And Science: A Glimpse At Neuroethics And The Future Of Moral Philosophy" (speaker)	2008
World Congress of Philosophy XXII, Seoul National University, "How Did Socrates Become Socrates?: On the Socratic Recipe for the Philosophic Life" (speaker)	2008
World Congress of Philosophy XXII, Seoul National University, "Heidegger And The Space Of Life" (speaker)	2008
World Congress of Philosophy XXII, Seoul National University, "Good Will and the Conscience in Kant's Ethical Theory" (speaker)	2008

Current references

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Jun Tani
(professor, Cognitive Neurorobotics)
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