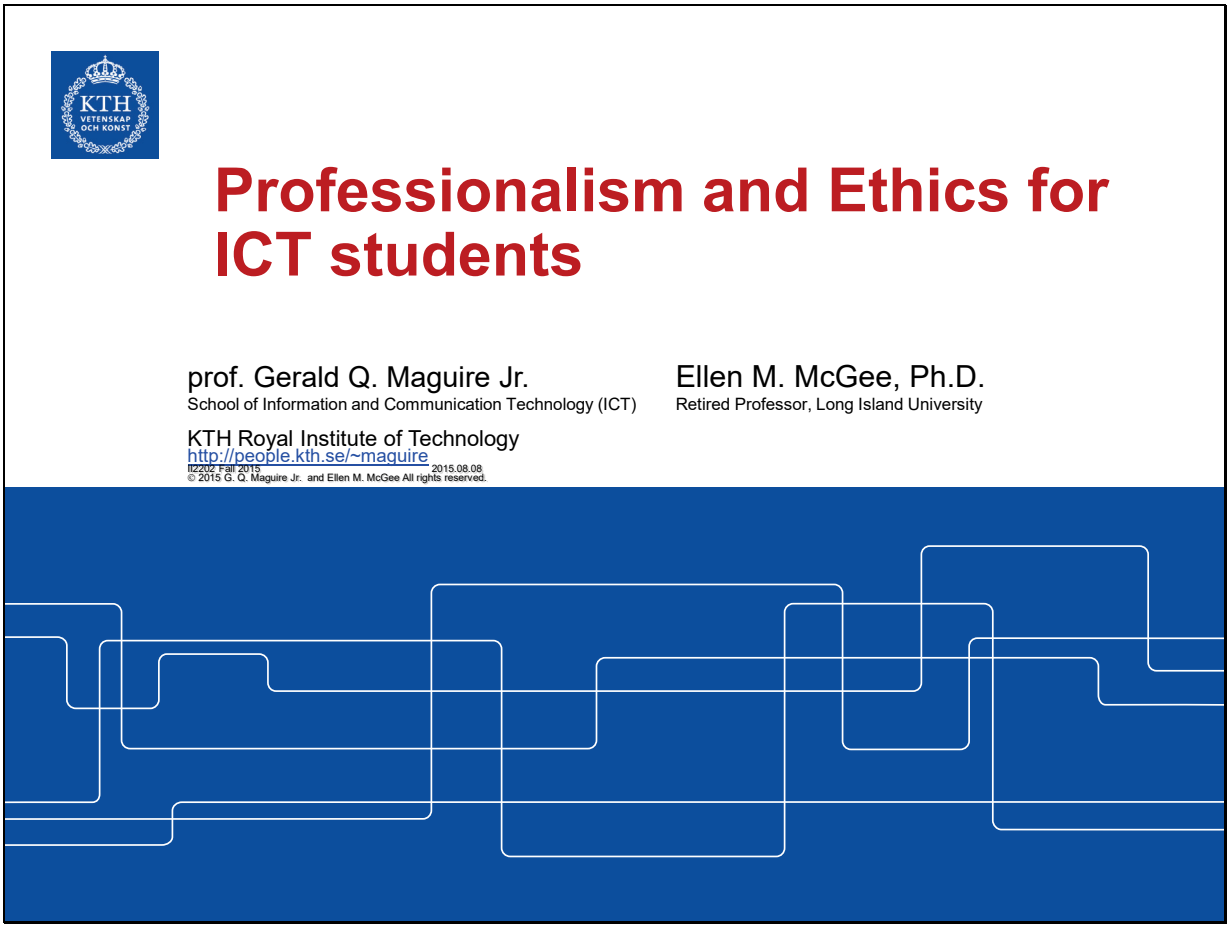
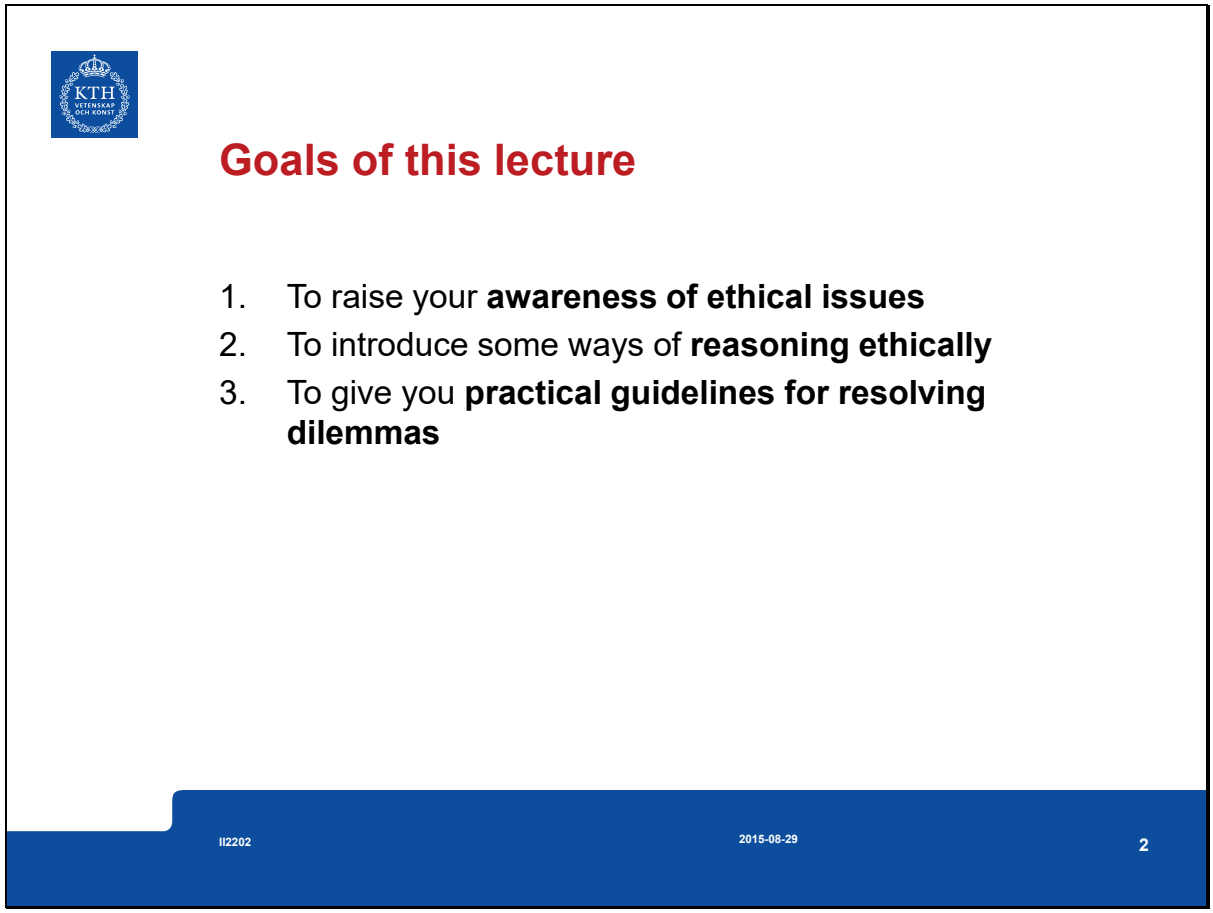
Slide 1



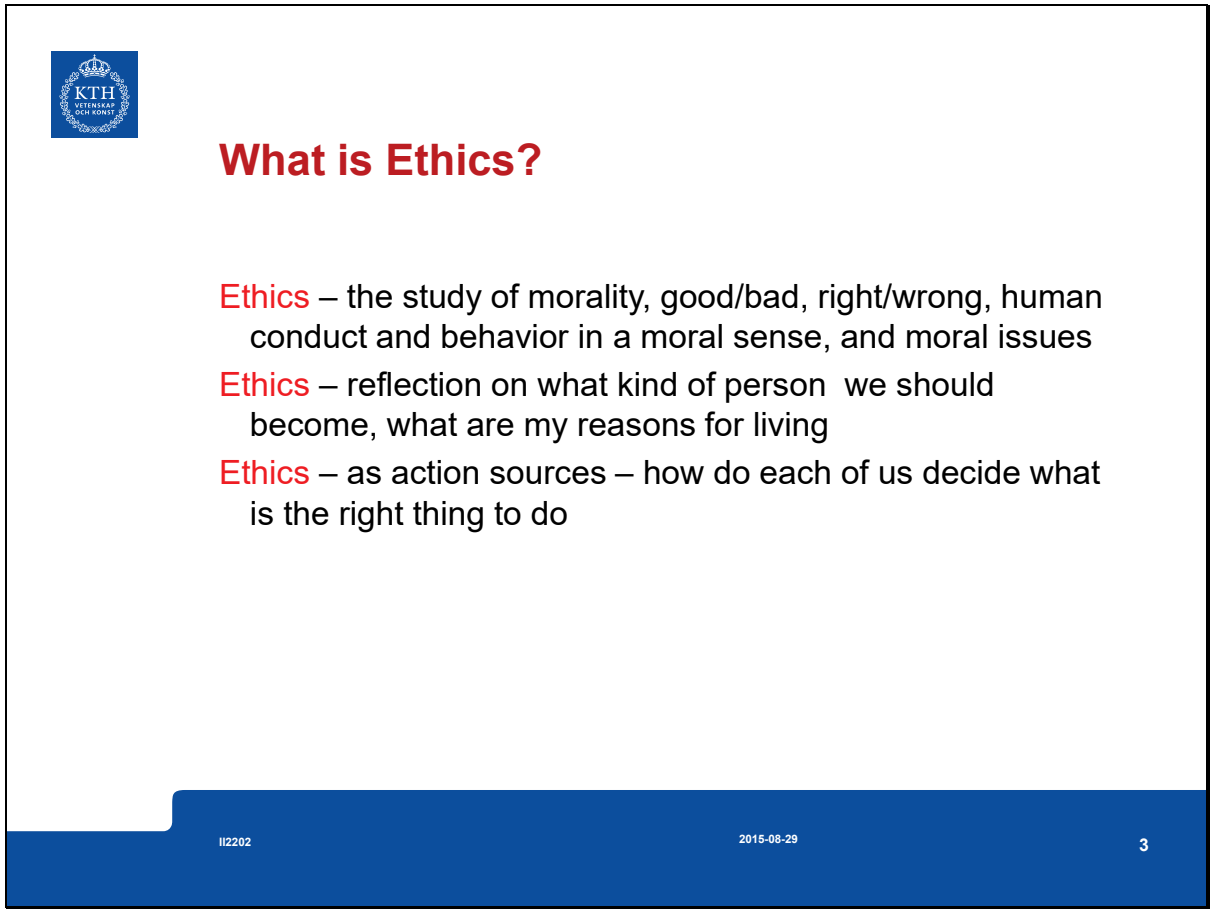
Lecture notes for II2202, Fall 2015 at KTH Royal Institute of Technology

Slide 2



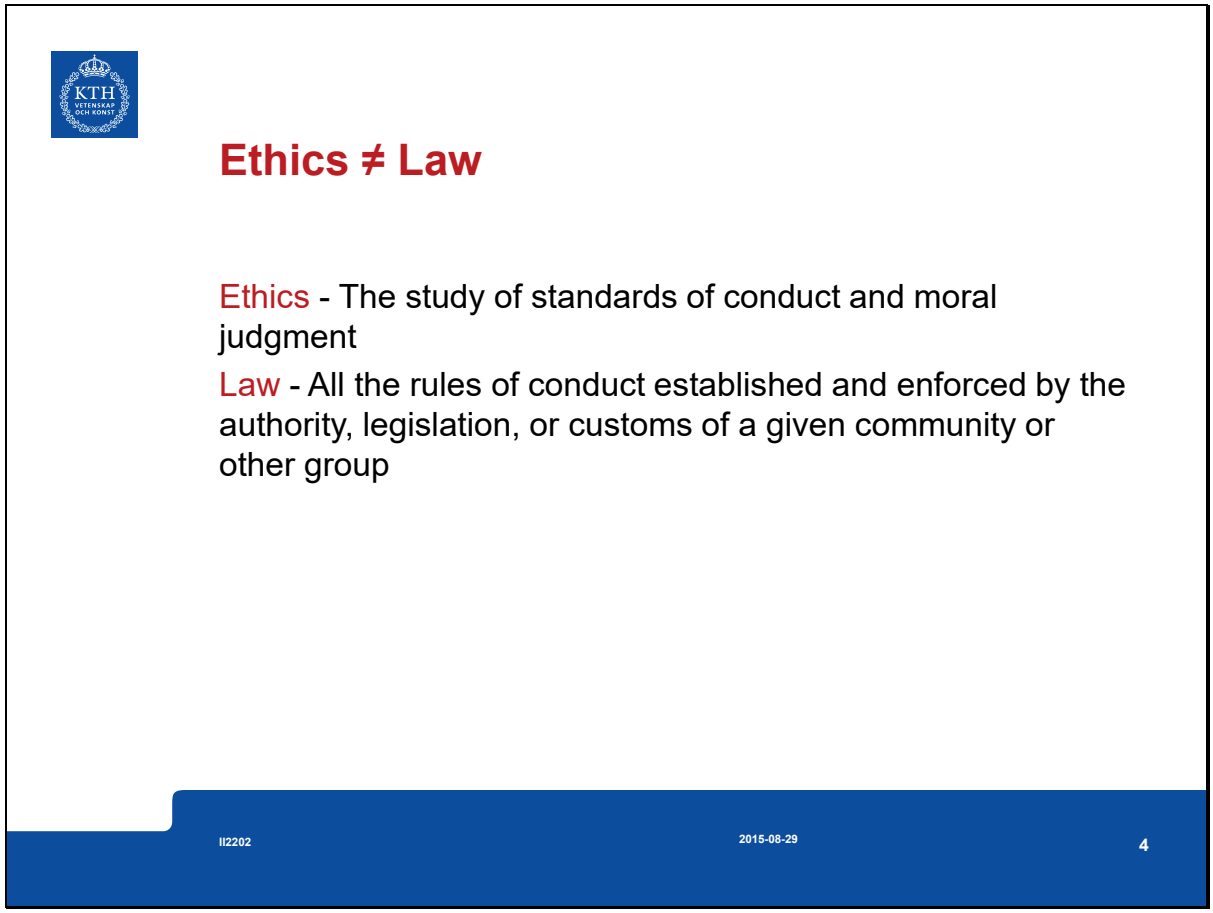
Adapted from slide 9 of McGee Lecture2 2013.

Slide 3



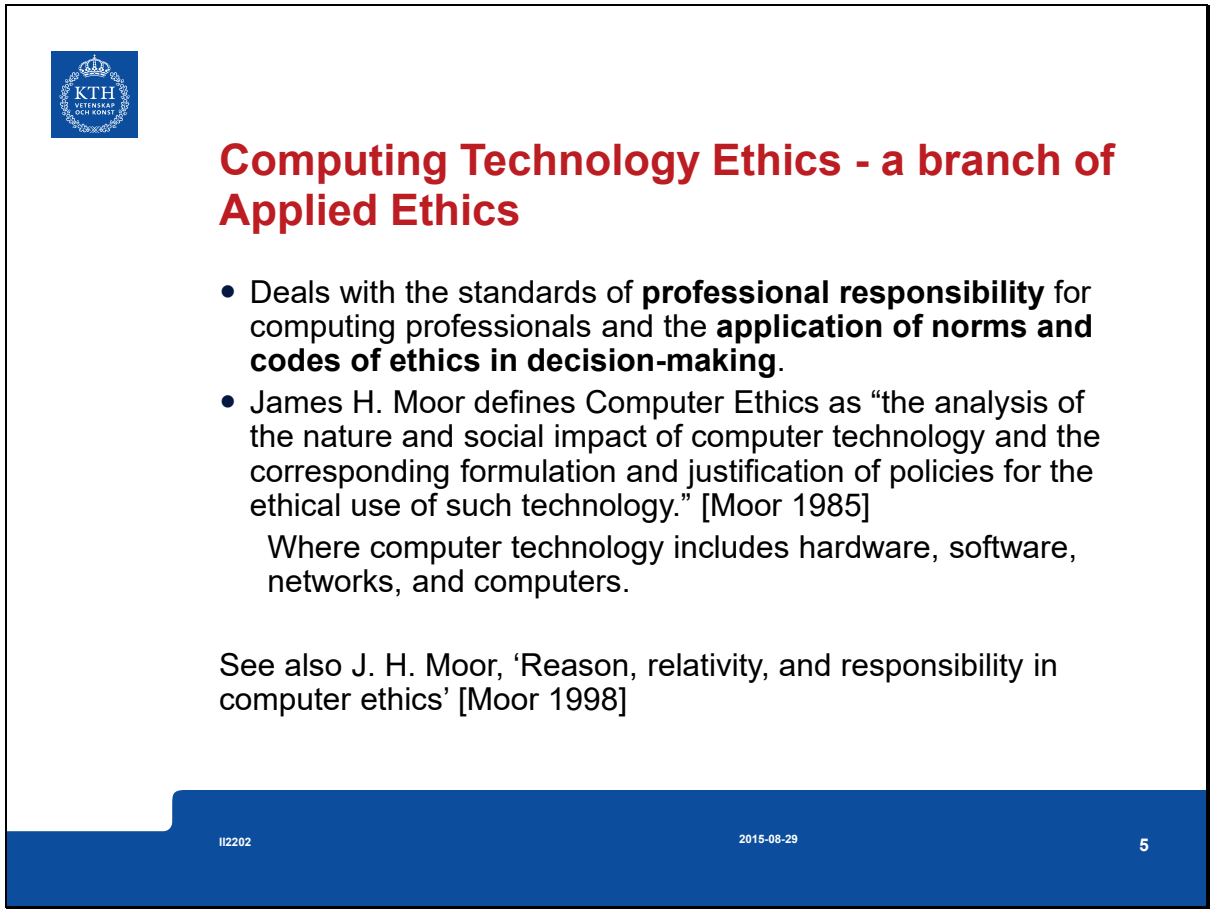
Adapted from slide 4 of McGee Lecture2 2013.

Slide 4



Adapted from slide 5 of McGee Lecture2 2013.

Slide 5

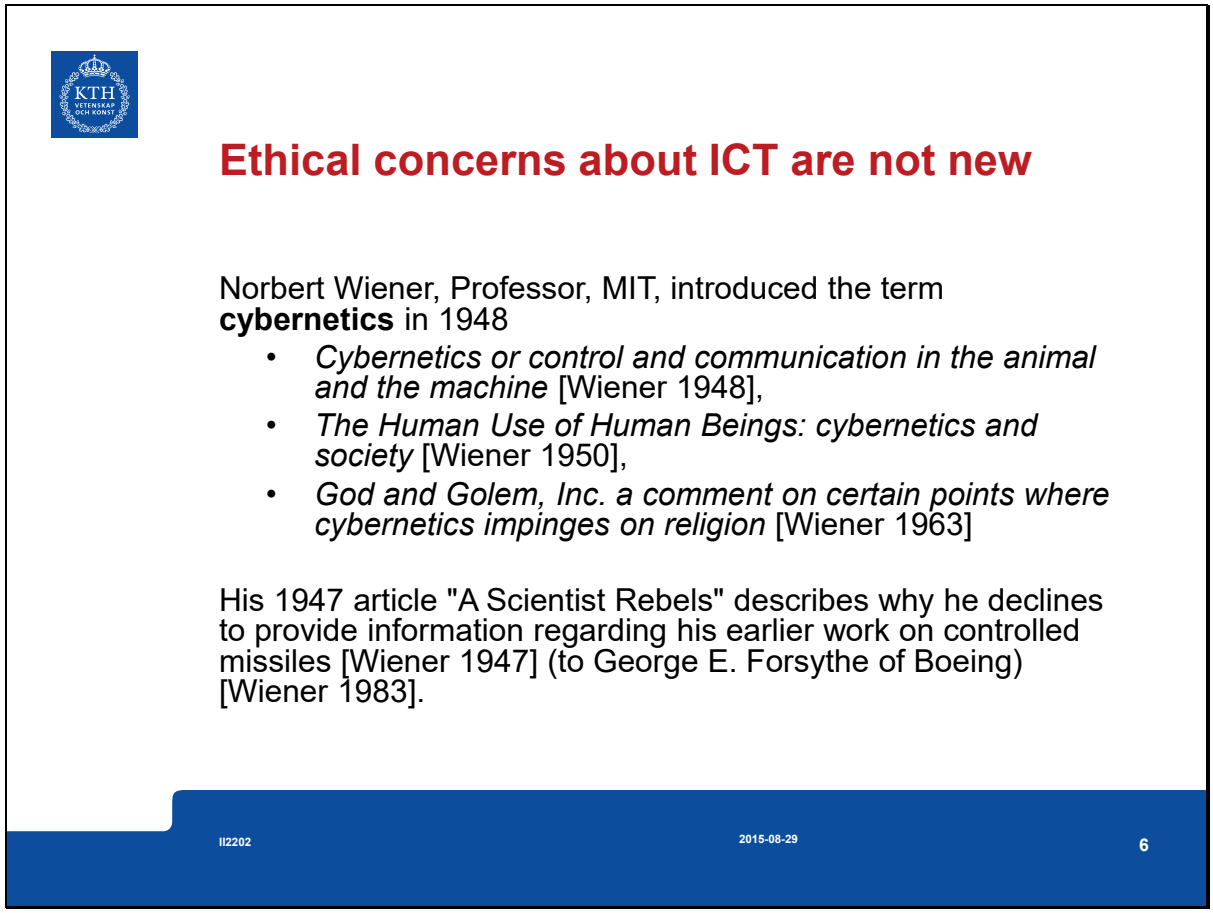


Adapted from slide 6 of McGee Lecture2 2013.

[Moor 1985] James H. Moor, 'WHAT IS COMPUTER ETHICS?', *Metaphilosophy*, vol. 16, no. 4, pp. 266–275, Oct. 1985. DOI: 10.1111/j.1467-9973.1985.tb00173.x
http://web.cs.ucdavis.edu/~rogaway/classes/188/spring06/papers/moor.html

[Moor 1998]
James H. Moor, 'Reason, relativity, and responsibility in computer ethics', *ACM SIGCAS Computers and Society*, vol. 28, no. 1, pp. 14–21, Mar. 1998. DOI: 10.1145/277351.277355
http://www.nyu.edu/projects/nissenbaum/papers/Moor%20-%20Reason,%20Relativity,%20and%20Responsibilty%20.pdf

Slide 6



Adapted from slide 7 of McGee Lecture2 2013.

Note these are more recent editions that the original, but are cited with the year of the original edition:
[Wiener 1948] Norbert Wiener, *Cybernetics or control and communication in the animal and the machine*, 2. ed., 10. print. Cambridge, Mass: MIT Press, 2000.
[Wiener 1950] Norbert Wiener, *The human use of human beings: cybernetics and society*. New York, N.Y: Da Capo Press, 1988.
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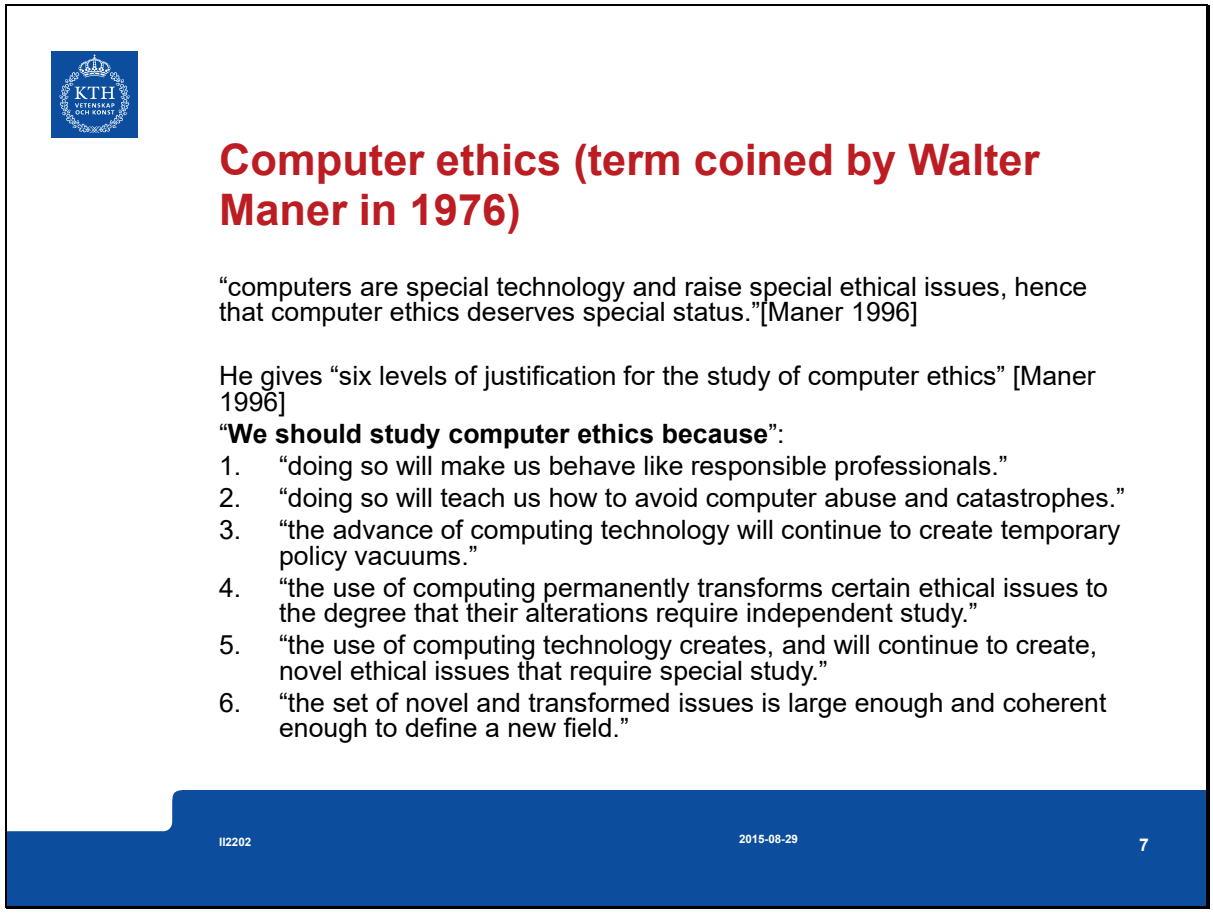
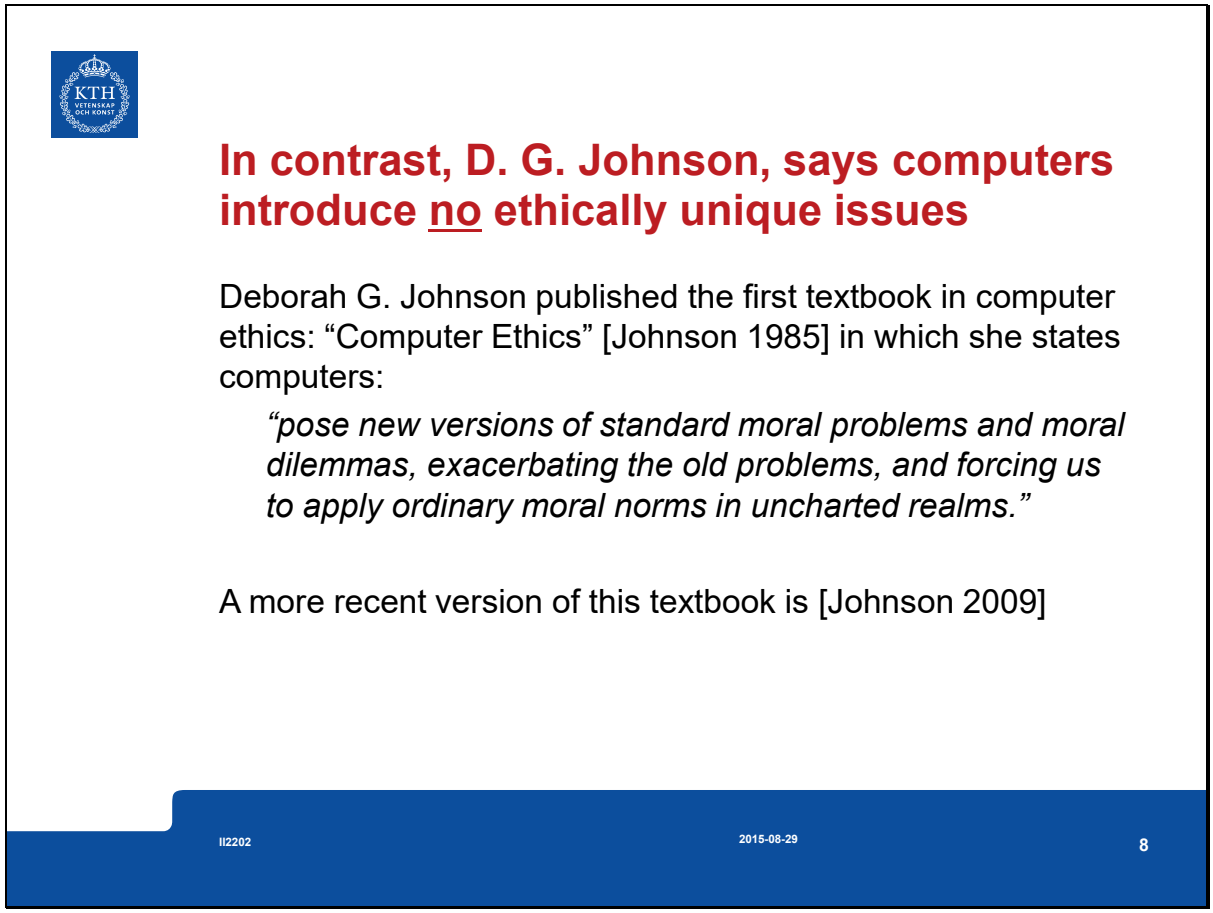
Slide 7



[Maner 1996] Walter Maner, 'Unique ethical problems in information technology', *Science and Engineering Ethics*, vol. 2, no. 2, pp. 137–154, Jun. 1996. DOI: 10.1007/BF02583549

Also available at http://faculty.usfsp.edu/gkearns/articles_fraud/computer_ethics.pdf

Slide 8

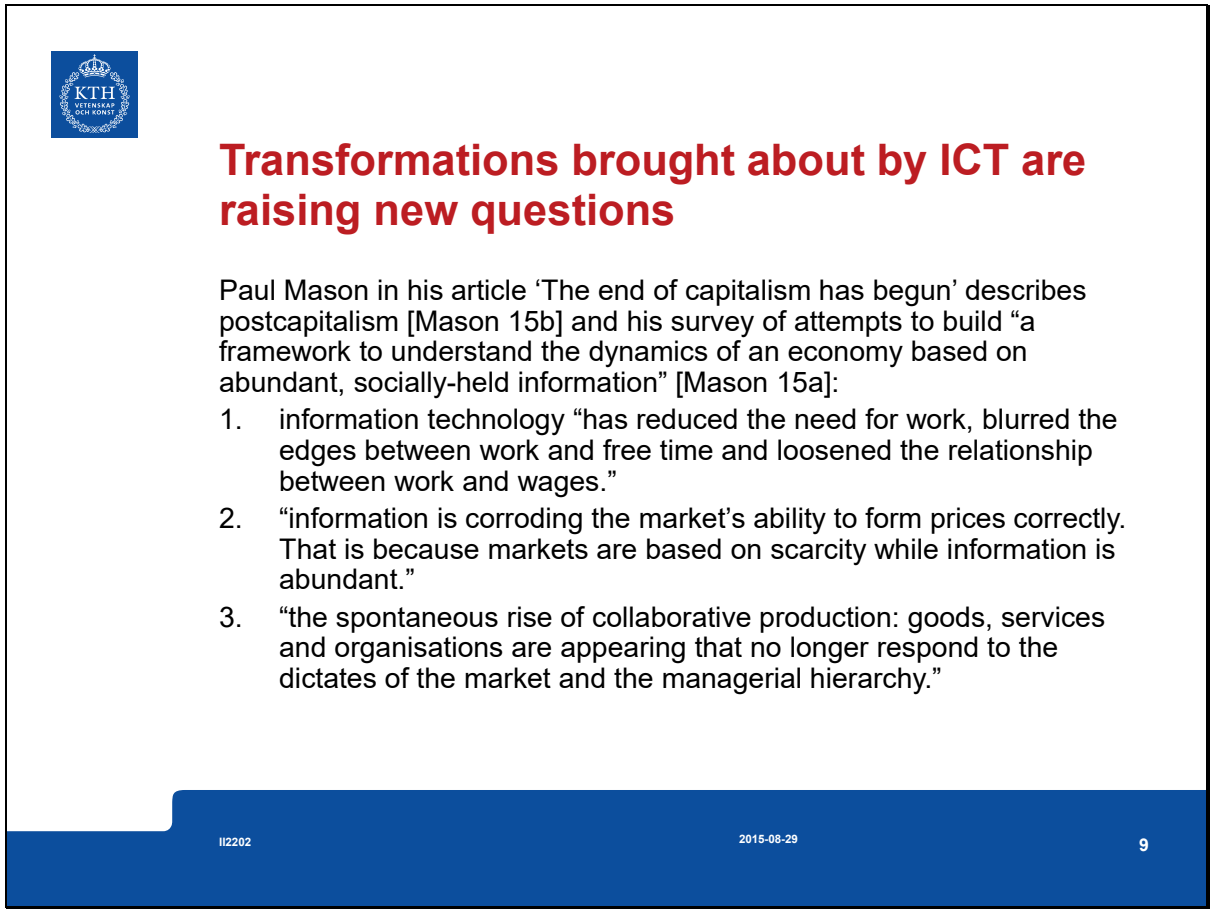


Adapted from slide 8 of McGee Lecture2 2013.

[Johnson 1985] Deborah G. Johnson, *Computer ethics*. Upper Saddle River, N.J: Prentice Hall, 1985, ISBN 0-13-164005-4.

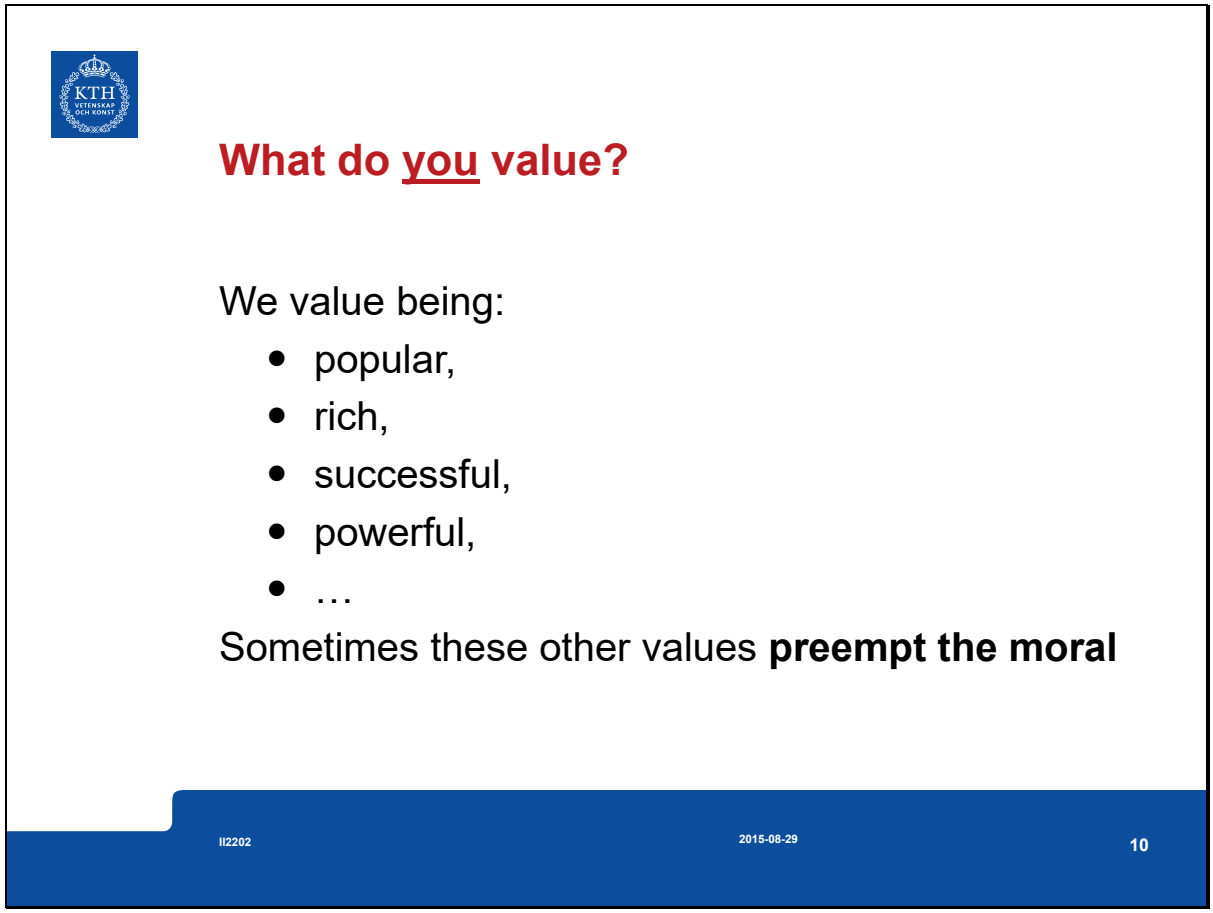
[Johnson 2009] Deborah G. Johnson and Keith Miller, *Computer ethics: analyzing information technology*, 4th ed. Upper Saddle River, N.J: Prentice Hall, 2009, ISBN 978-0-13-111241-4.

Slide 9



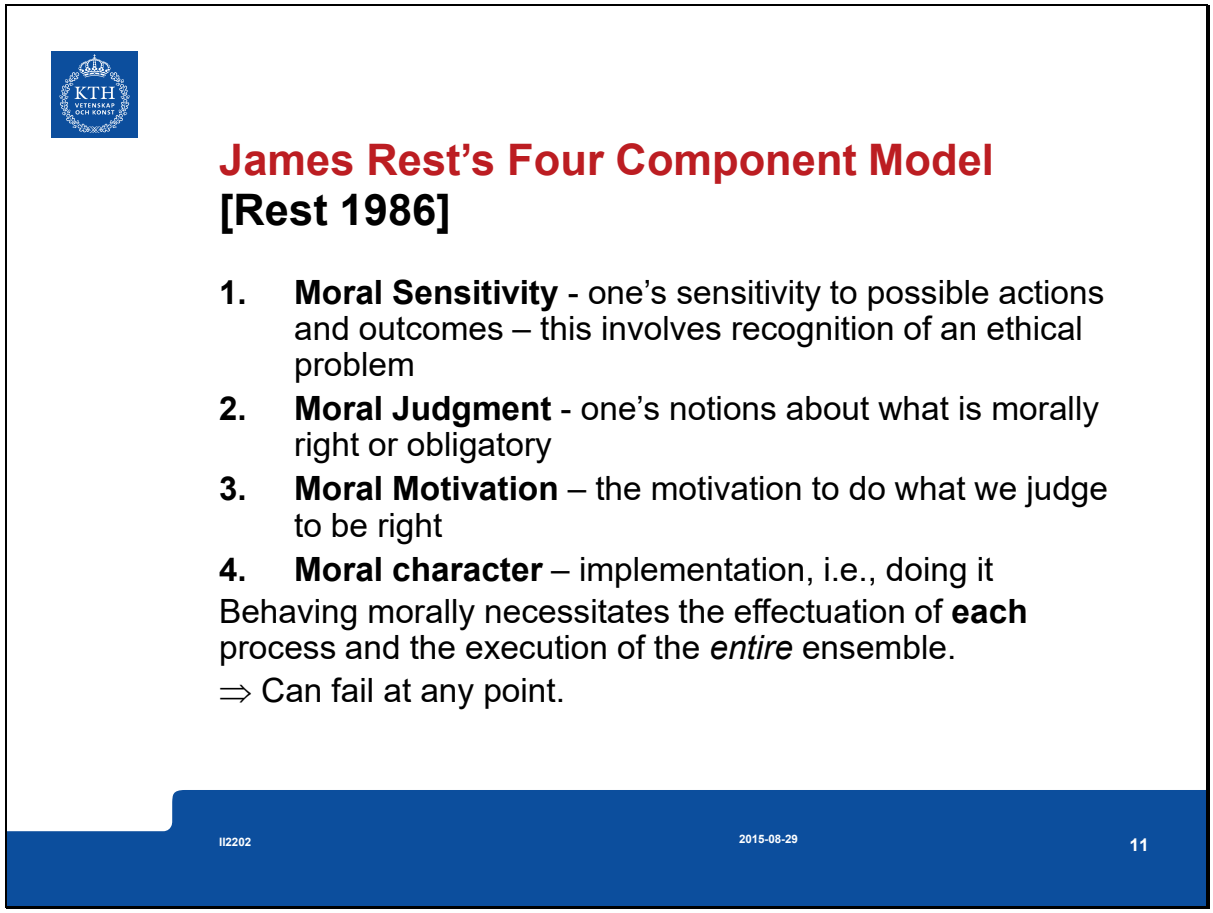
[Mason 2015a] Paul Mason, 'The end of capitalism has begun', *The Guardian, Guardian News and Media Limited*, London, England, 17-Jul-2015 [Online]. Available: http://www.theguardian.com/books/2015/jul/17/postcapitalism-end-of-capitalism-begun
[Mason 2015b] Paul Mason, *Postcapitalism.* Penguin Books, Limited, 2015, ISBN 9781846147388.

Slide 10



Adapted from slide 10 of McGee Lecture2 2013.

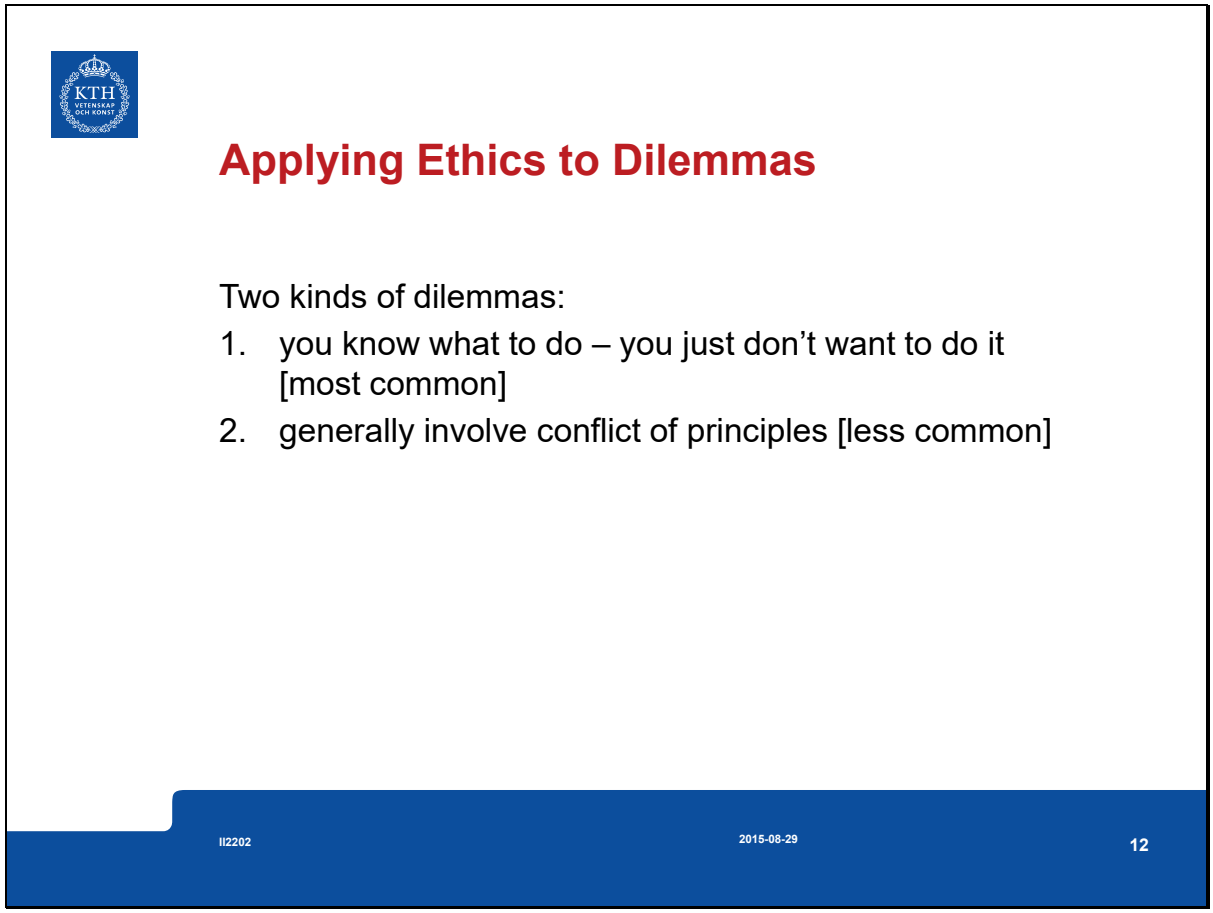
Slide 11



Adapted from slide 11 of McGee Lecture2 2013.

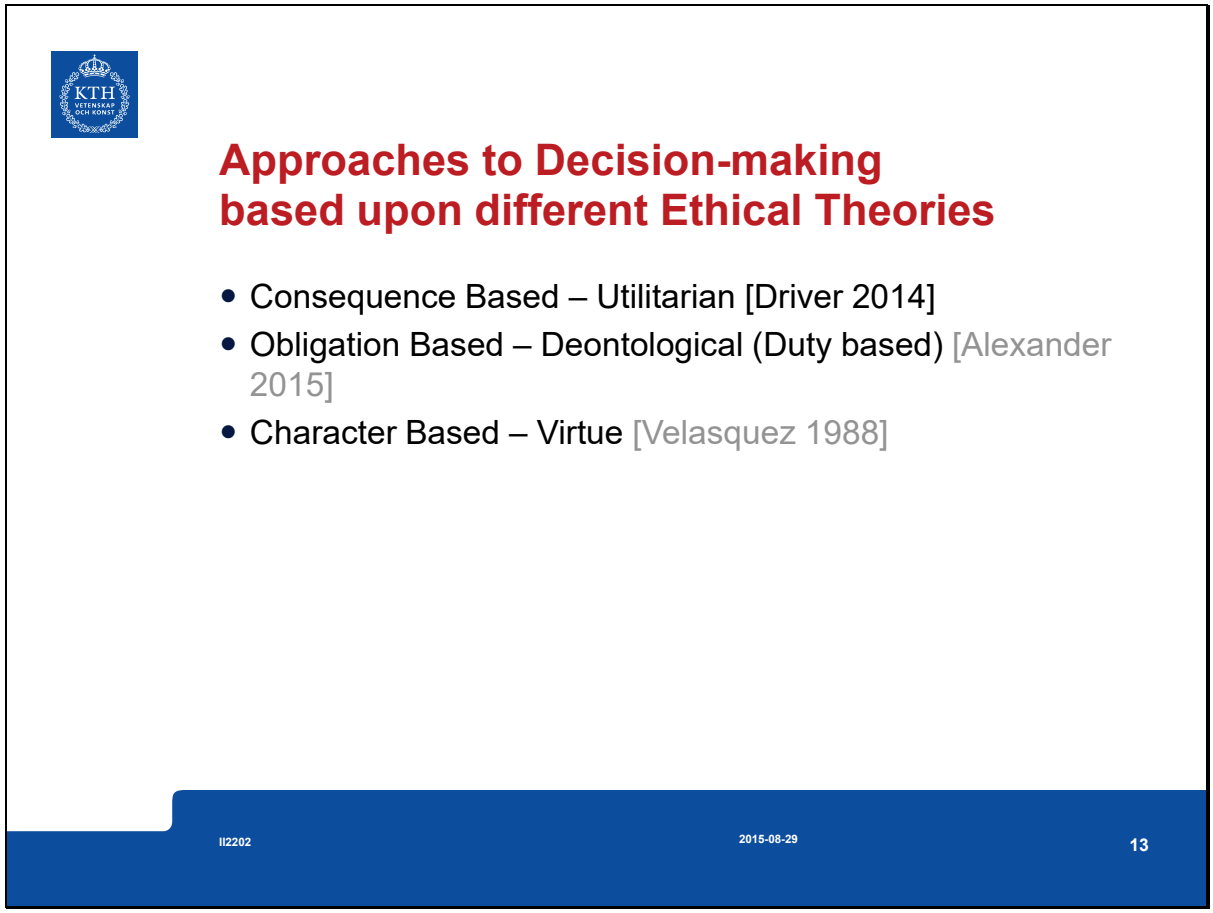
[Rest 1986] James R. Rest, *Moral development: advances in research and theory*. New York: Praeger, 1986, ISBN 978-0-275-92254-2.

Slide 12



Adapted from notes of slide 14 of McGee Lecture2 2013.

Slide 13



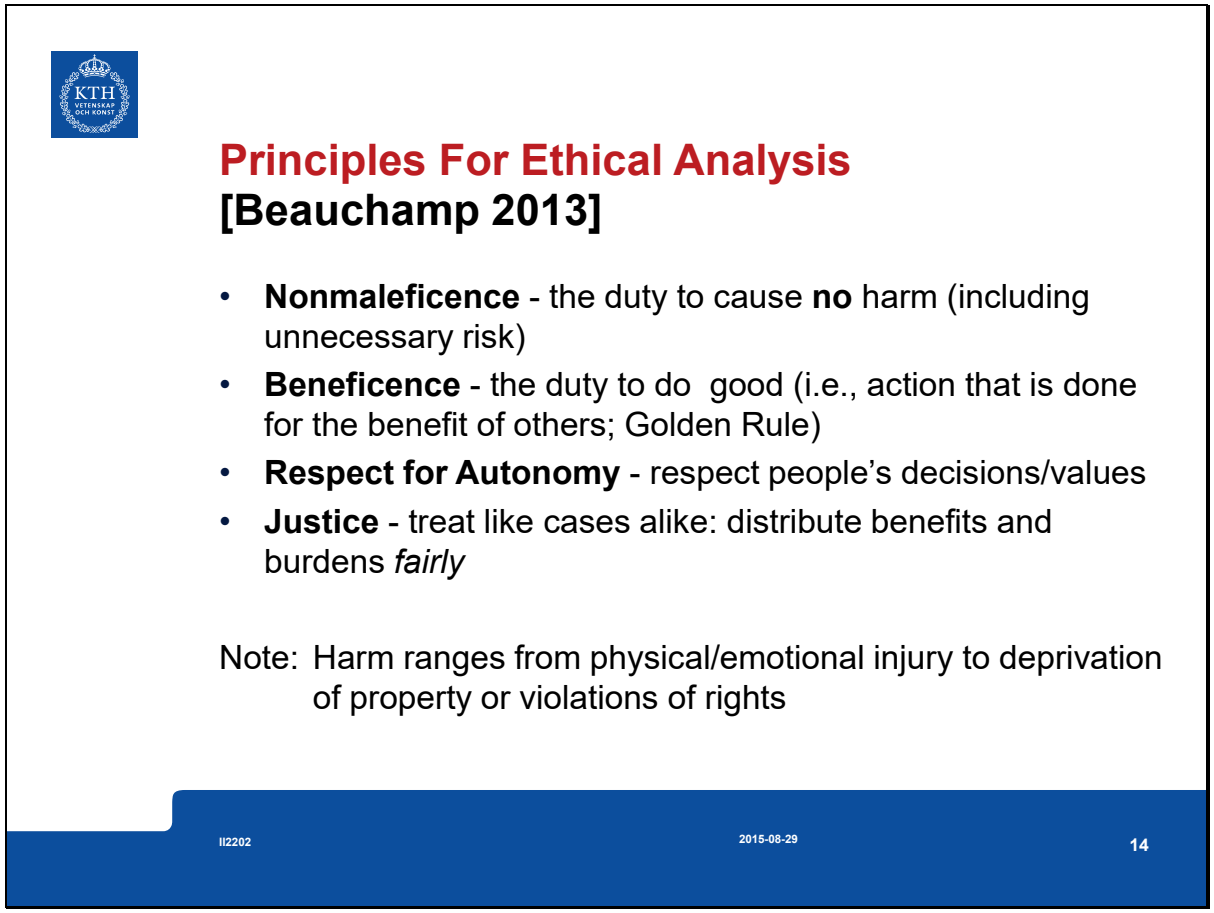
Adapted from slide 16 of McGee Lecture2 2013.

[Driver 2014] Julia Driver, 'The History of Utilitarianism', in *The Stanford Encyclopedia of Philosophy*, Winter 2014., E. N. Zalta, Ed. 2014 [Online]. Available: http://plato.stanford.edu/archives/win2014/entries/utilitarianism-history/ . [Accessed: 17-Aug-2015]

[Alexander 2015] Larry Alexander and Michael Moore, 'Deontological Ethics', in *The Stanford Encyclopedia of Philosophy*, Spring 2015., E. N. Zalta, Ed. 2015 [Online]. Available: http://plato.stanford.edu/archives/spr2015/entries/ethics-deontological/

[Velasquez 1988] Manuel Velasquez, Claire Andre, Thomas Shanks, and Michael J. Meyer, 'Ethics and Virtue', *Issues in Ethics*, vol. 1, no. 3, Spring 1988 [Online]. Available: http://www.scu.edu/ethics/practicing/decision/ethicsandvirtue.html

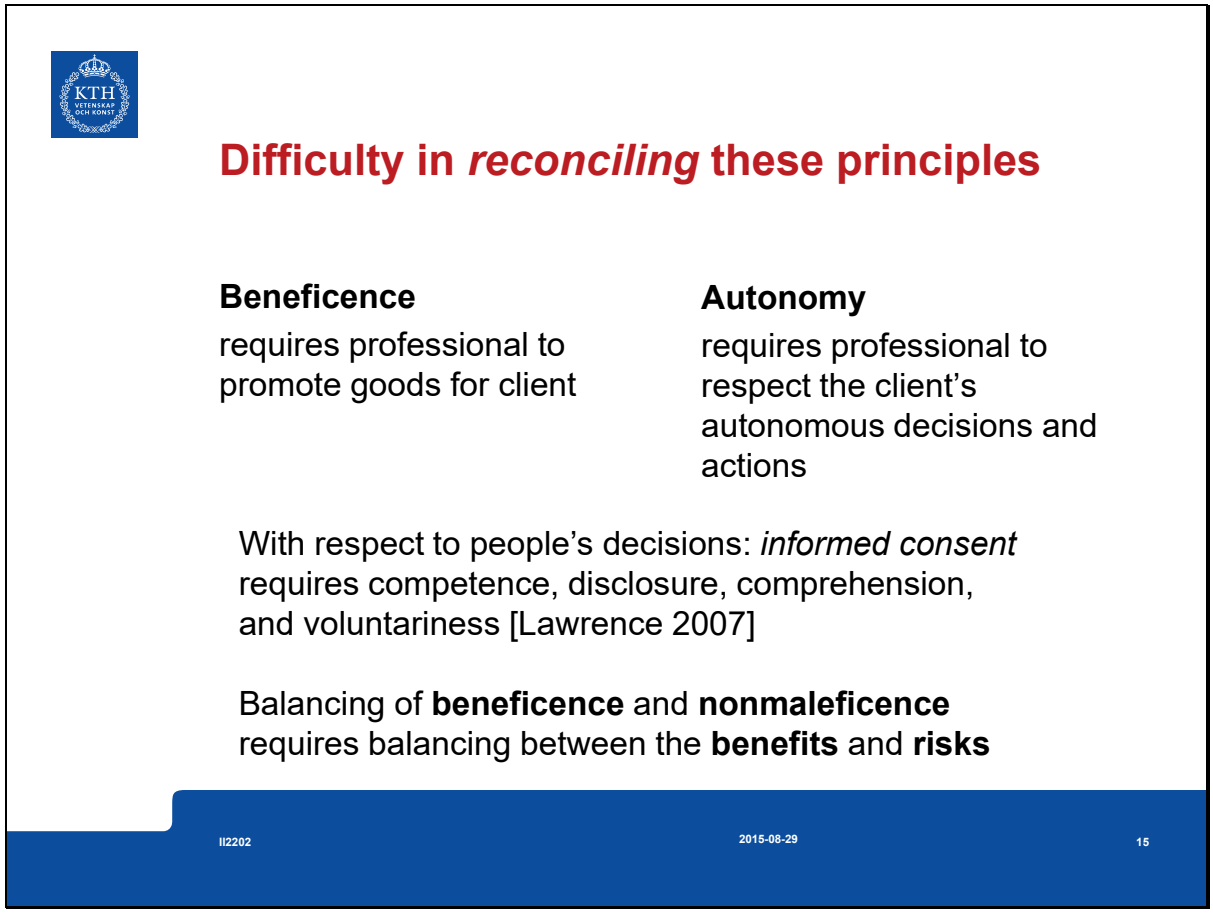
Slide 14



Adapted from slide 19 of McGee Lecture2 2013.

[Beauchamp 2013] Tom L. Beauchamp and James F. Childress, *Principles of biomedical ethics*, 7th ed. New York: Oxford University Press, 2013, ISBN: 9780199924585.

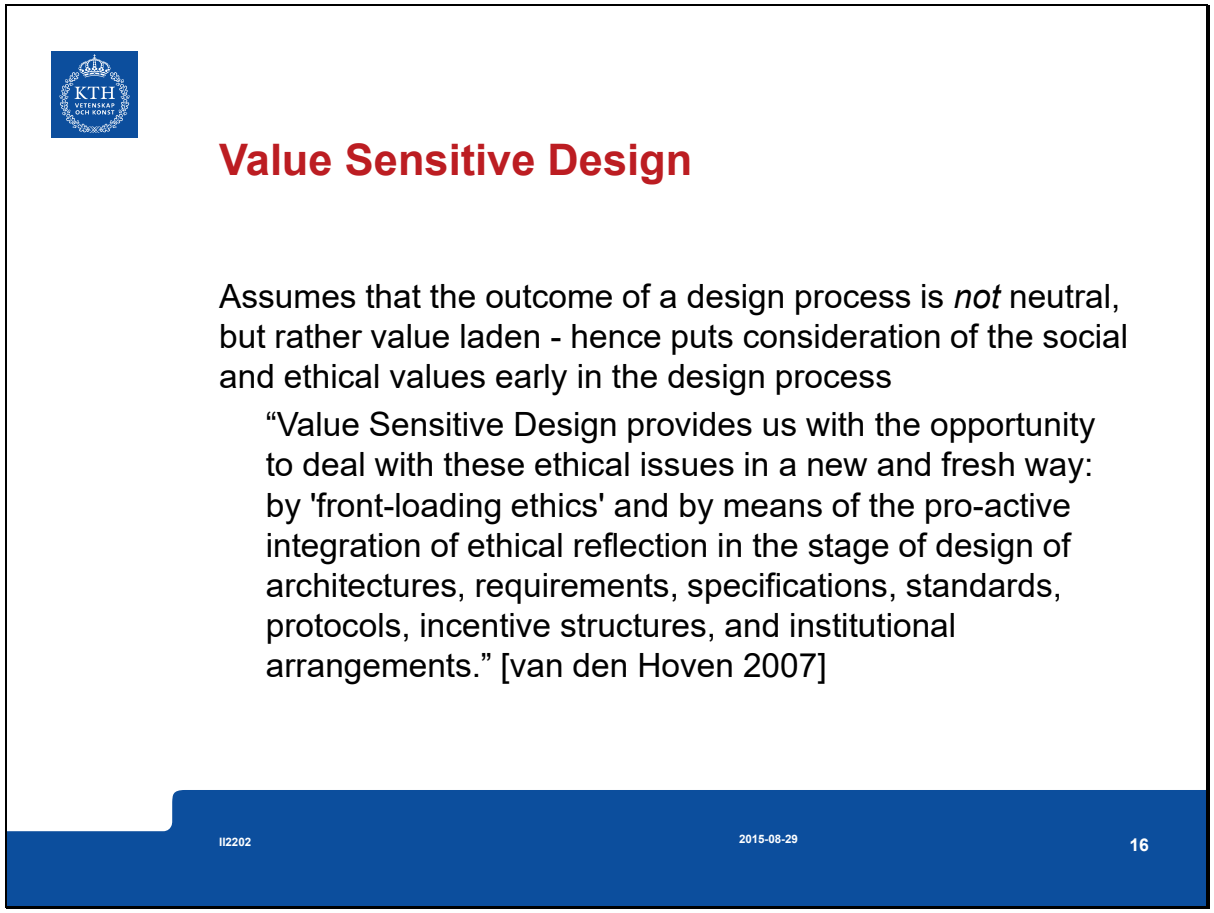
Slide 15



Adapted from slide 20 of McGee Lecture2 2013.

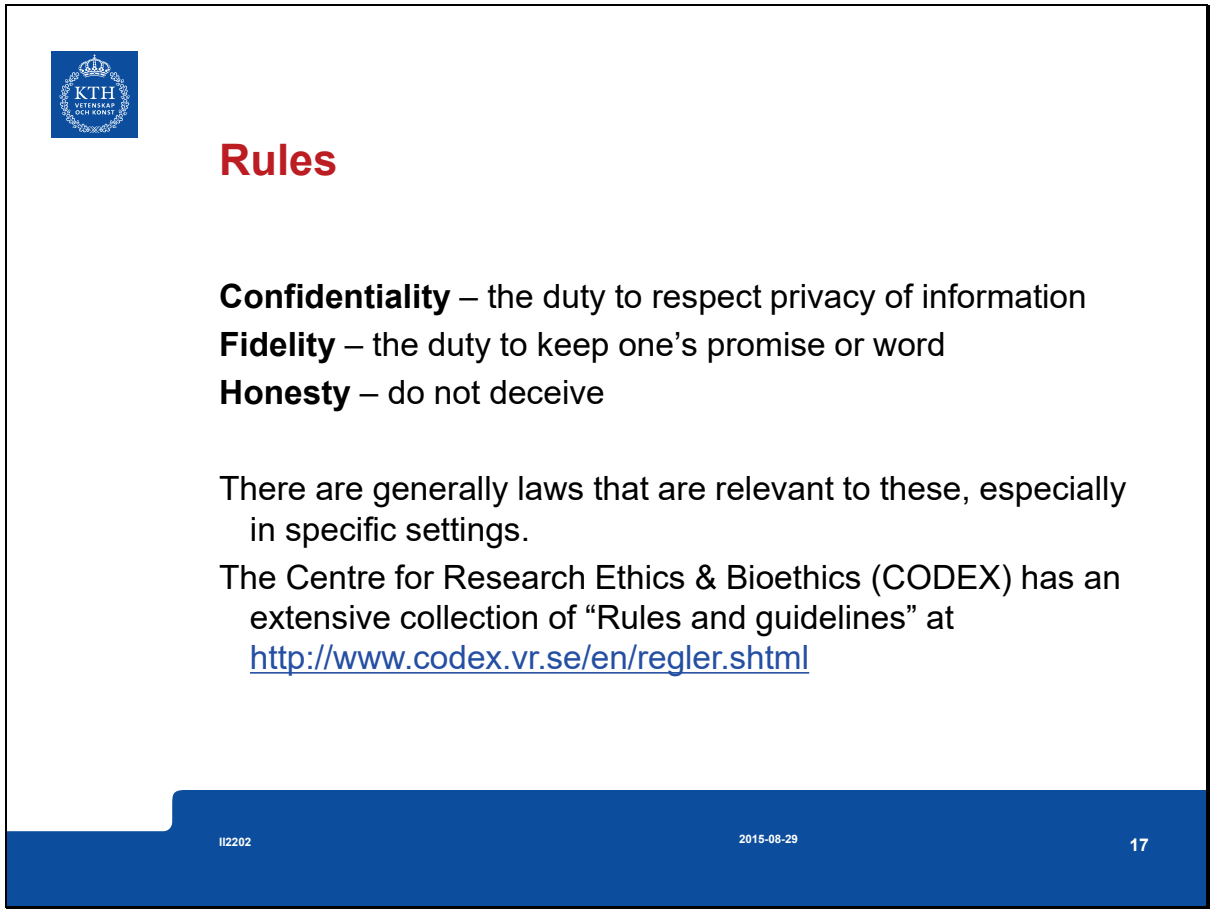
[Lawrence 2007] Dana J. Lawrence, 'The Four Principles of Biomedical Ethics: A Foundation for Current Bioethical Debate', *Journal of Chiropractic Humanities*, vol. 14, pp. 34–40, Jan. 2007. DOI: 10.1016/S1556-3499(13)60161-8

Slide 16



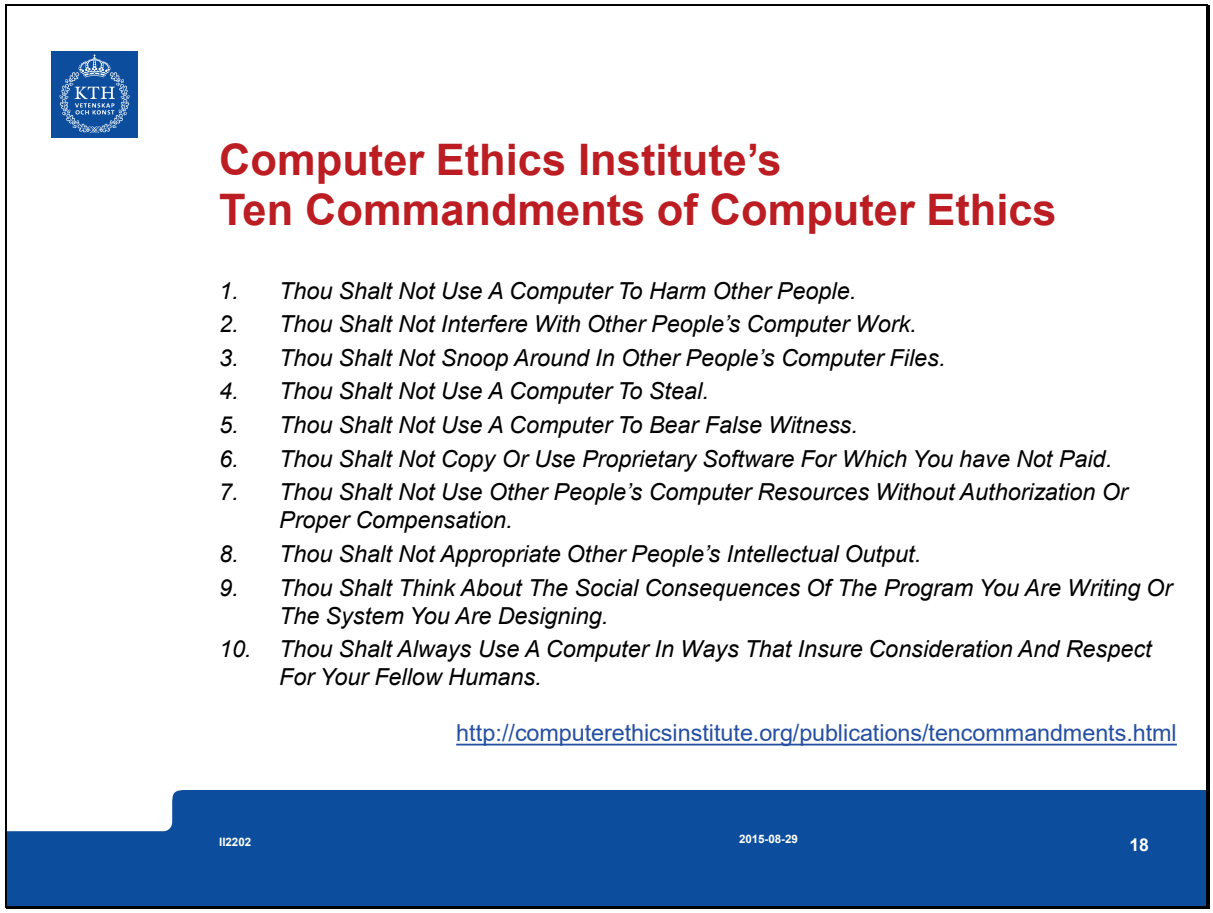
[van den Hoven 2007] Jeroen van den Hoven, 'ICT and Value Sensitive Design', in *The Information Society: Innovation, Legitimacy, Ethics and Democracy In honor of Professor Jacques Berleur s.j.*, vol. 233, P. Goujon, S. Lavelle, P. Duquenoy, K. Kimppa, and V. Laurent, Eds. Boston, MA: Springer US, 2007, pp. 67–72 [Online]. Available: http://link.springer.com/10.1007/978-0-387-72381-5_8. [Accessed: 23-Jul-2015]

Slide 17



Adapted from slide 21 of McGee Lecture2 2013.

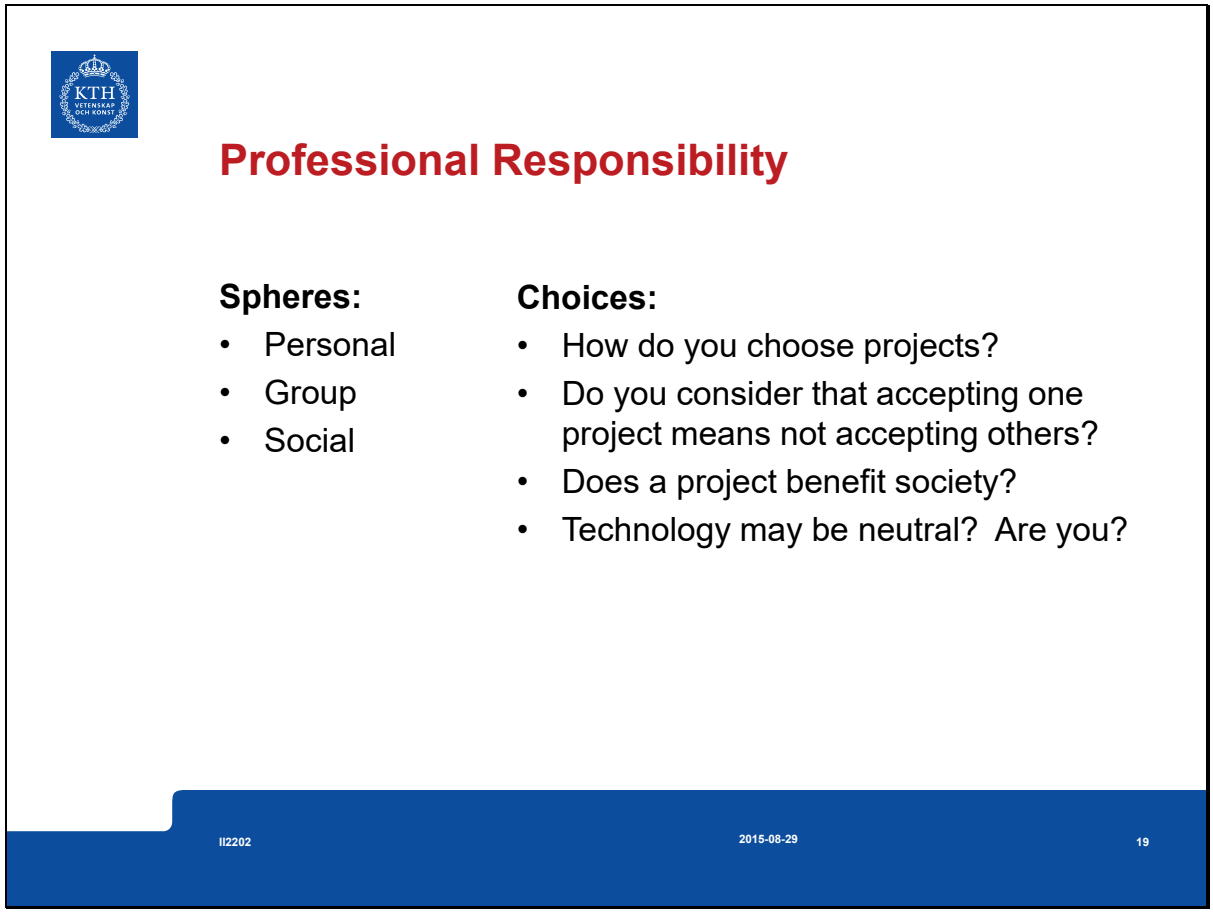
Slide 18



Adapted from slide 17 of McGee Lecture2 2013, by going to the original source.

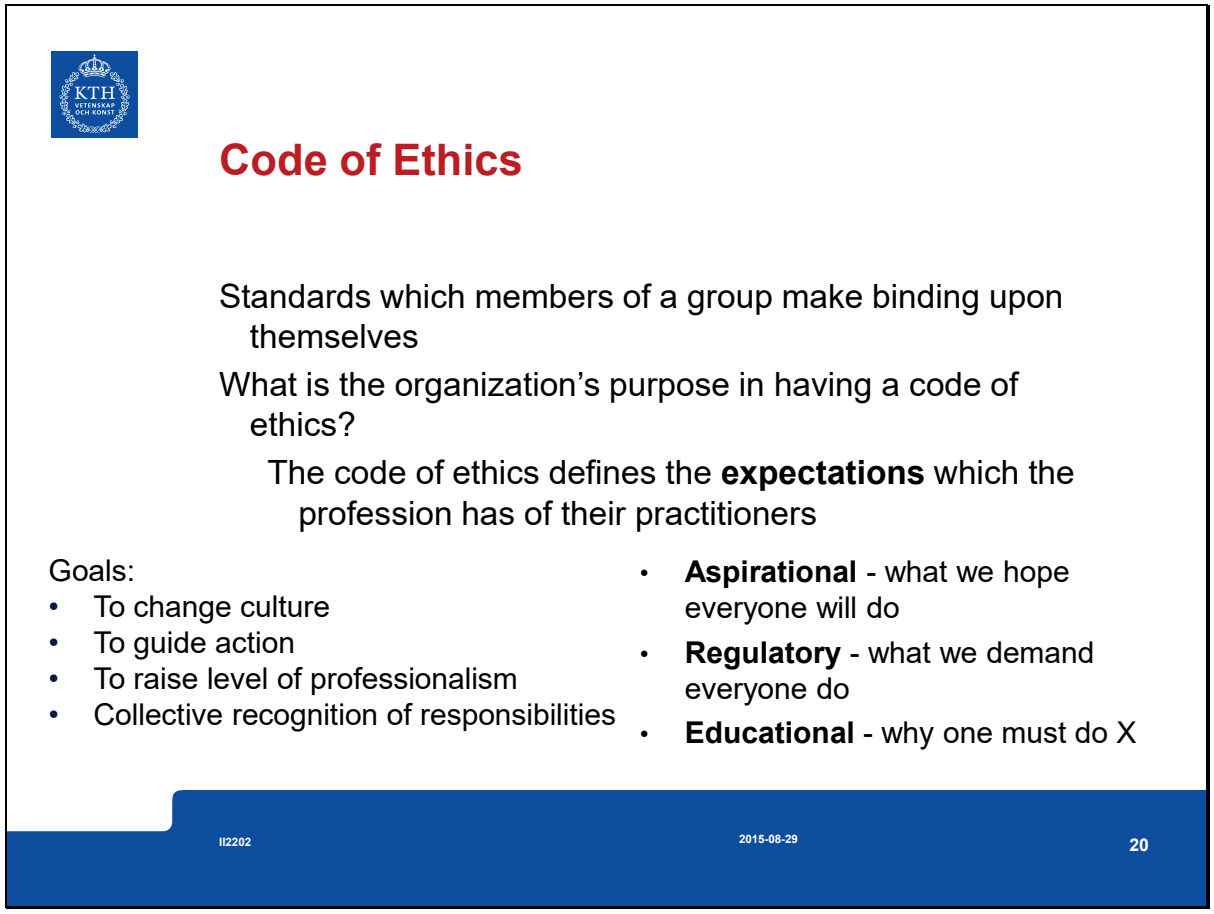
http://computerethicsinstitute.org/publications/tencommandments.html

Slide 19



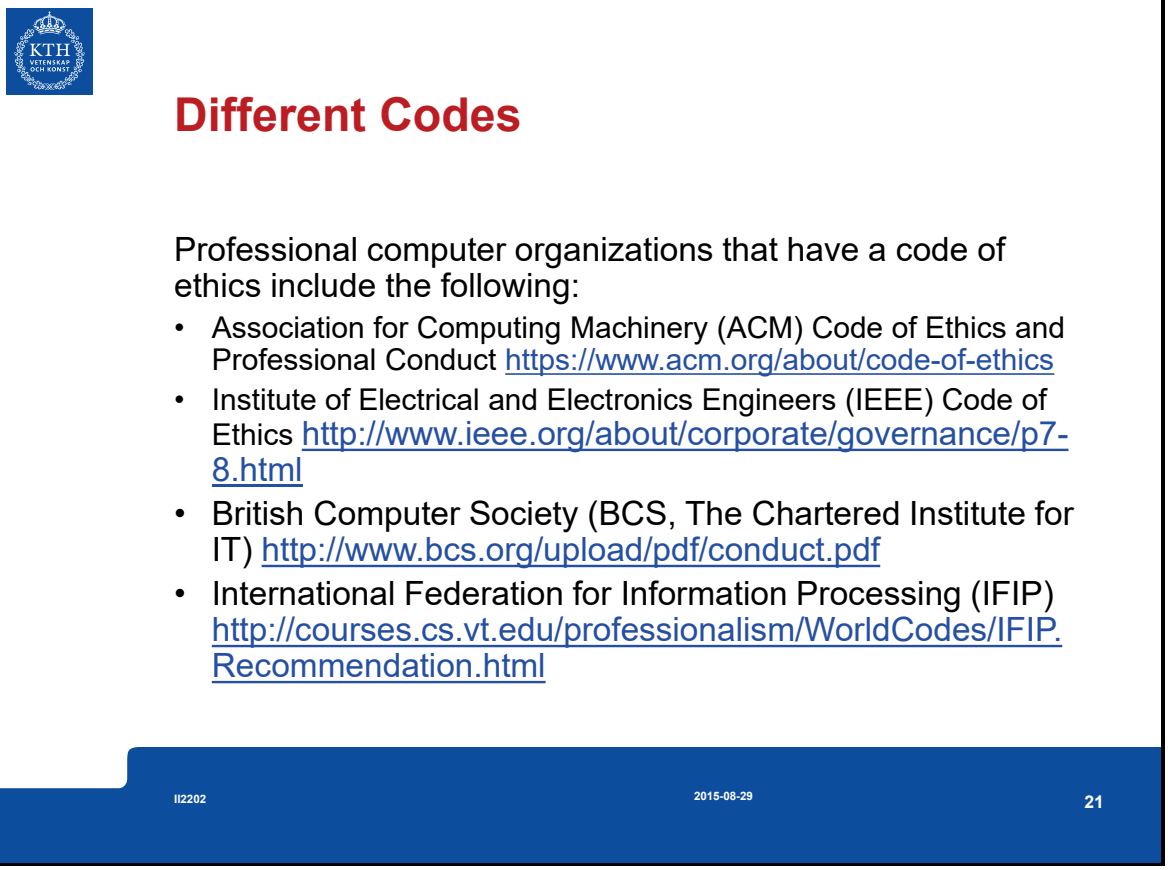
Adapted from slide 17 of McGee Lecture2 2013.

Slide 20



Adapted from slide 22 and slide 23 of McGee Lecture2 2013.

Slide 21



Slide 22

IEEE Code of Ethics

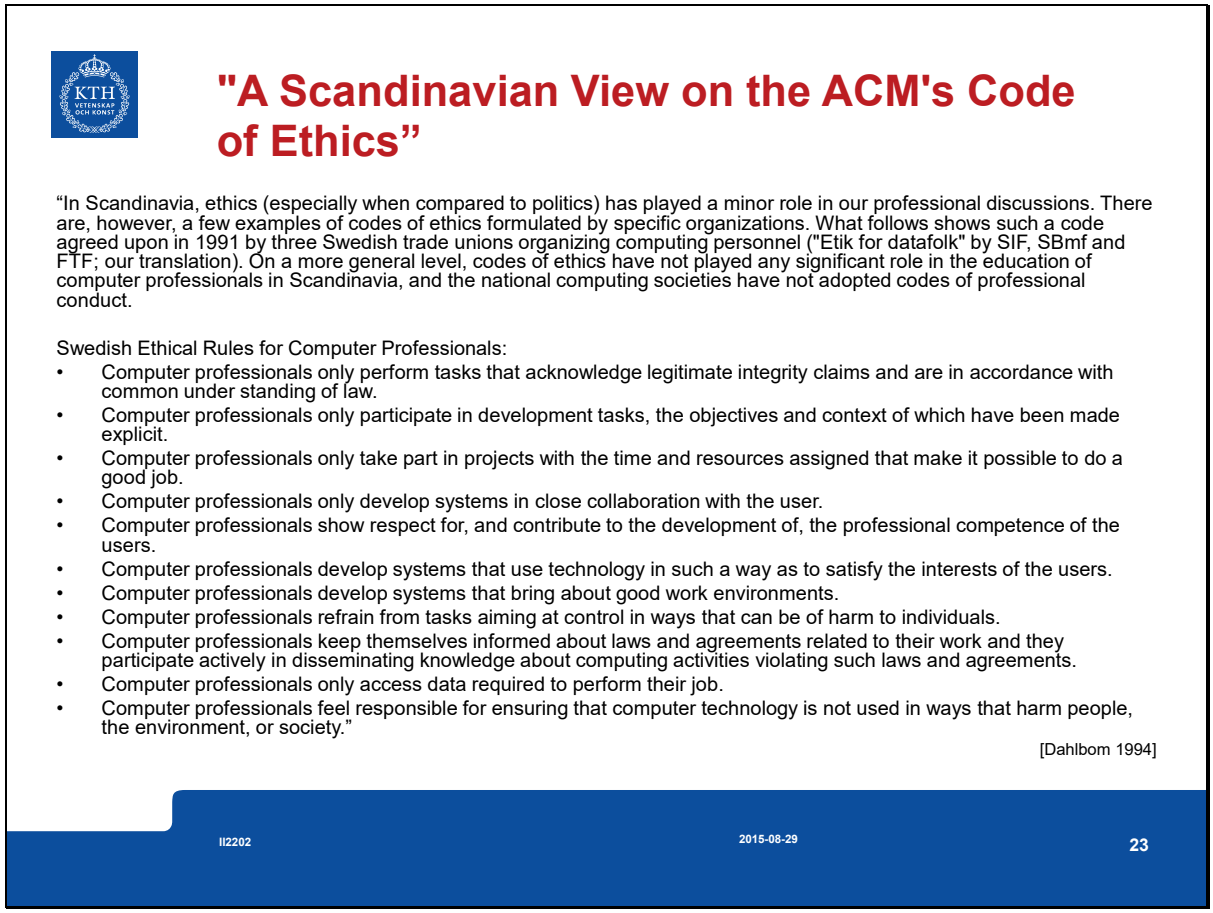
"We, the members of the IEEE, in recognition of the importance of our technologies in affecting the quality of life throughout the world, and in accepting a personal obligation to our profession, its members and the communities we serve, do hereby commit ourselves to the highest ethical and professional conduct and agree:

- to accept responsibility in making decisions consistent with the safety, health, and welfare of the public, and to disclose promptly factors that might endanger the public or the environment;
- to avoid real or perceived conflicts of interest whenever possible, and to disclose them to affected parties when they do exist;
- to be honest and realistic in stating claims or estimates based on available data;
- to reject bribery in all its forms;
- to improve the understanding of technology; its appropriate application, and potential consequences;
- to maintain and improve our technical competence and to undertake technological tasks for others only if qualified by training or experience, or after full disclosure of pertinent limitations;
- to seek, accept, and offer honest criticism of technical work, to acknowledge and correct errors, and to credit properly the contributions of others;
- to treat fairly all persons and to not engage in acts of discrimination based on race, religion, gender, disability, age, national origin, sexual orientation, gender identity, or gender expression;
- to avoid injuring others, their property, reputation, or employment by false or malicious action;
- to assist colleagues and co-workers in their professional development and to support them in following this code of ethics."

http://www.ieee.org/about/corporate/governance/p7-8.html

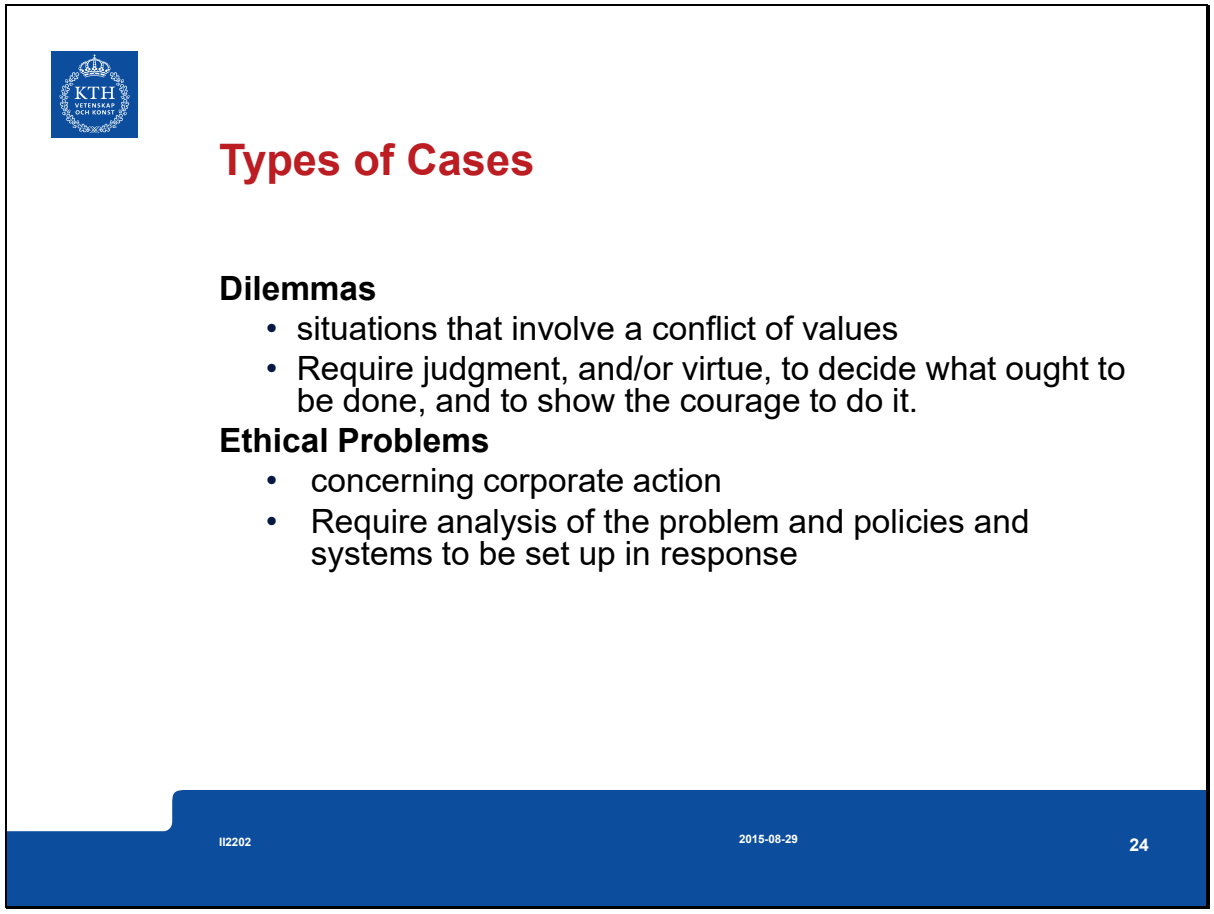
II2202 2015-08-29 22

Slide 23



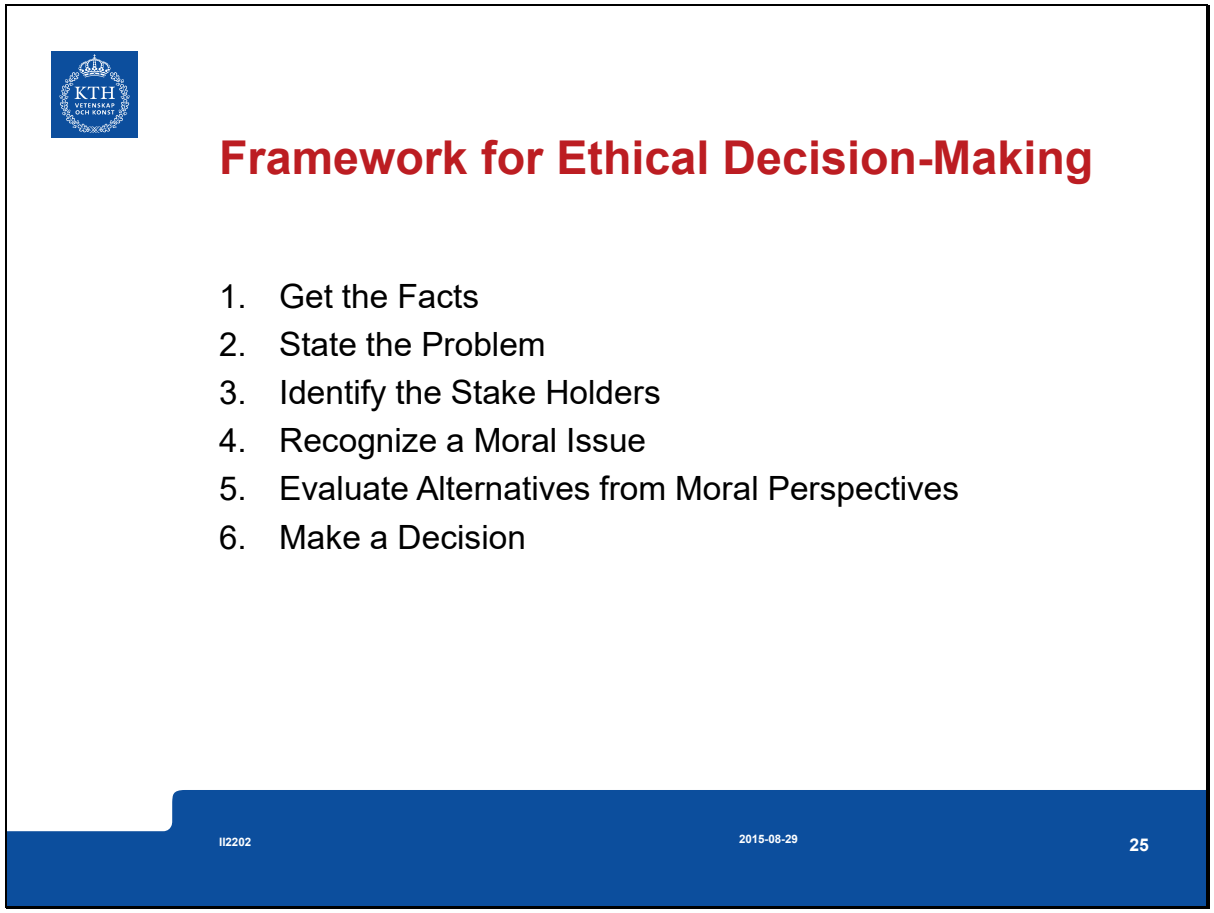
[Dahlbom 1994]
Bo Dahlbom and Lars Mathiassen, 'A Scandinavian view on the ACM's Code of Ethics', *ACM SIGCAS Computers and Society*, vol. 24, no. 2, pp. 14–20, Jun. 1994. DOI: 10.1145/181900.181902
Also available from:
http://courses.cs.vt.edu/cs3604/lib/WorldCodes/Swedish.Code.html

Slide 24

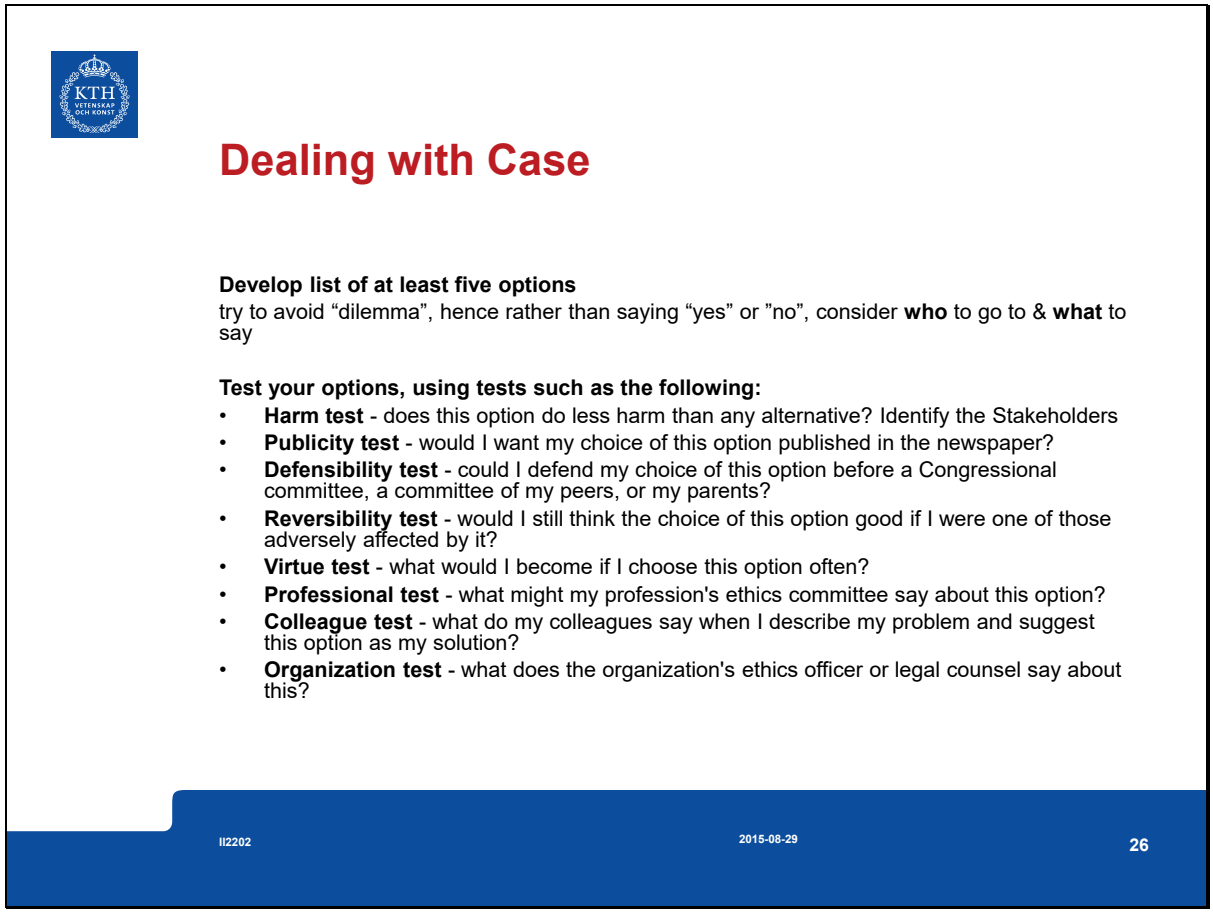


Adapted from slide 30 of McGee Lecture2 2013.

Slide 25

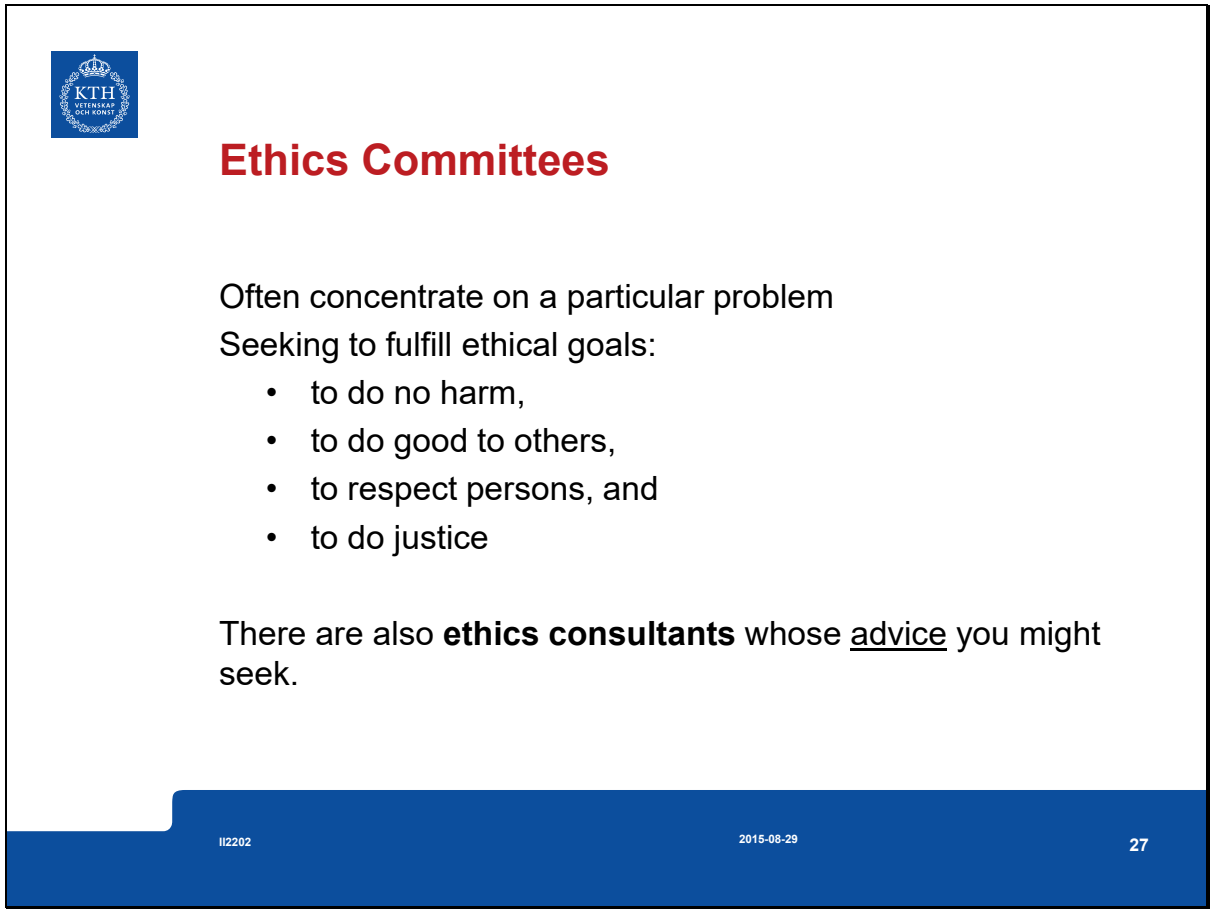


Slide 26



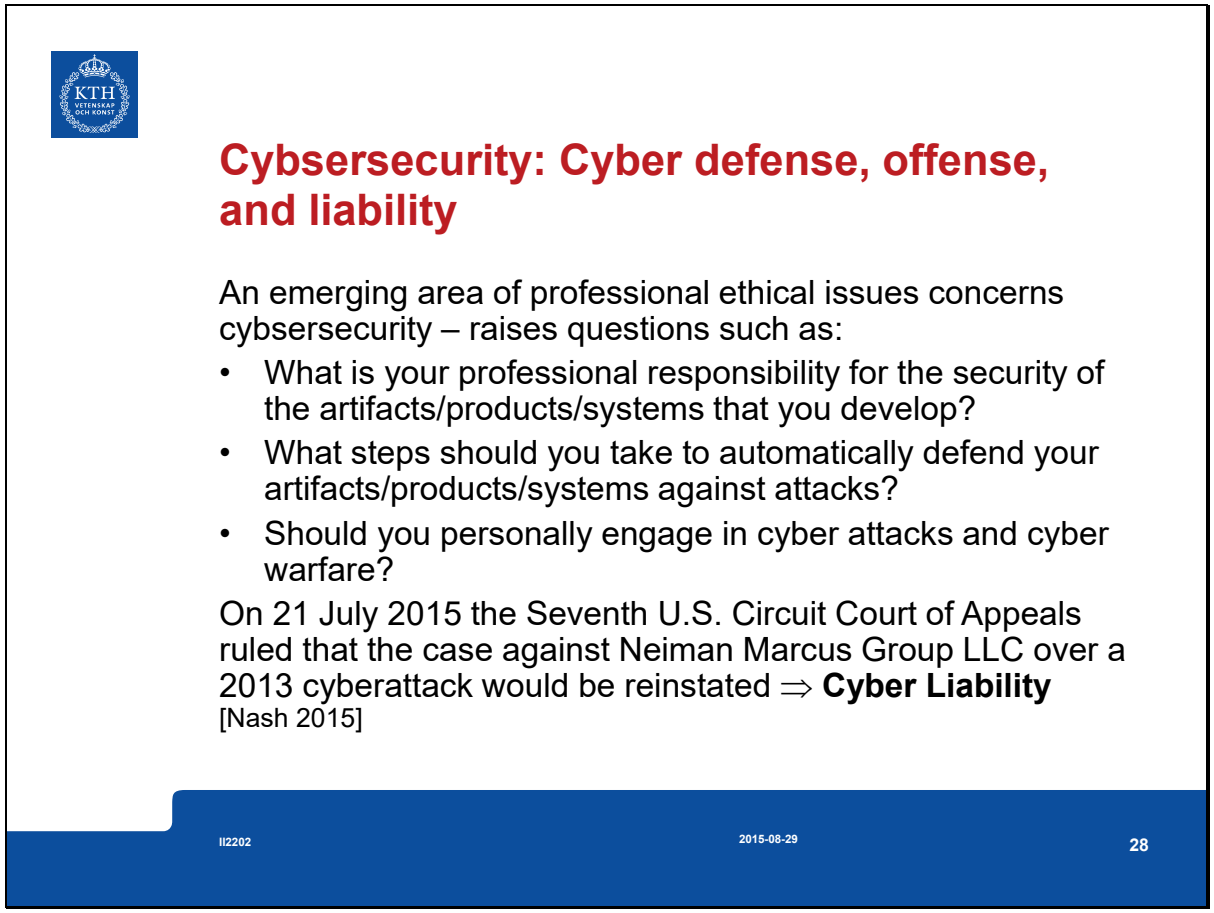
Adapted from slides 32 and 33 of McGee Lecture2 2013.

Slide 27



Adapted from notes of slide 14 of McGee Lecture2 2013.

Slide 28



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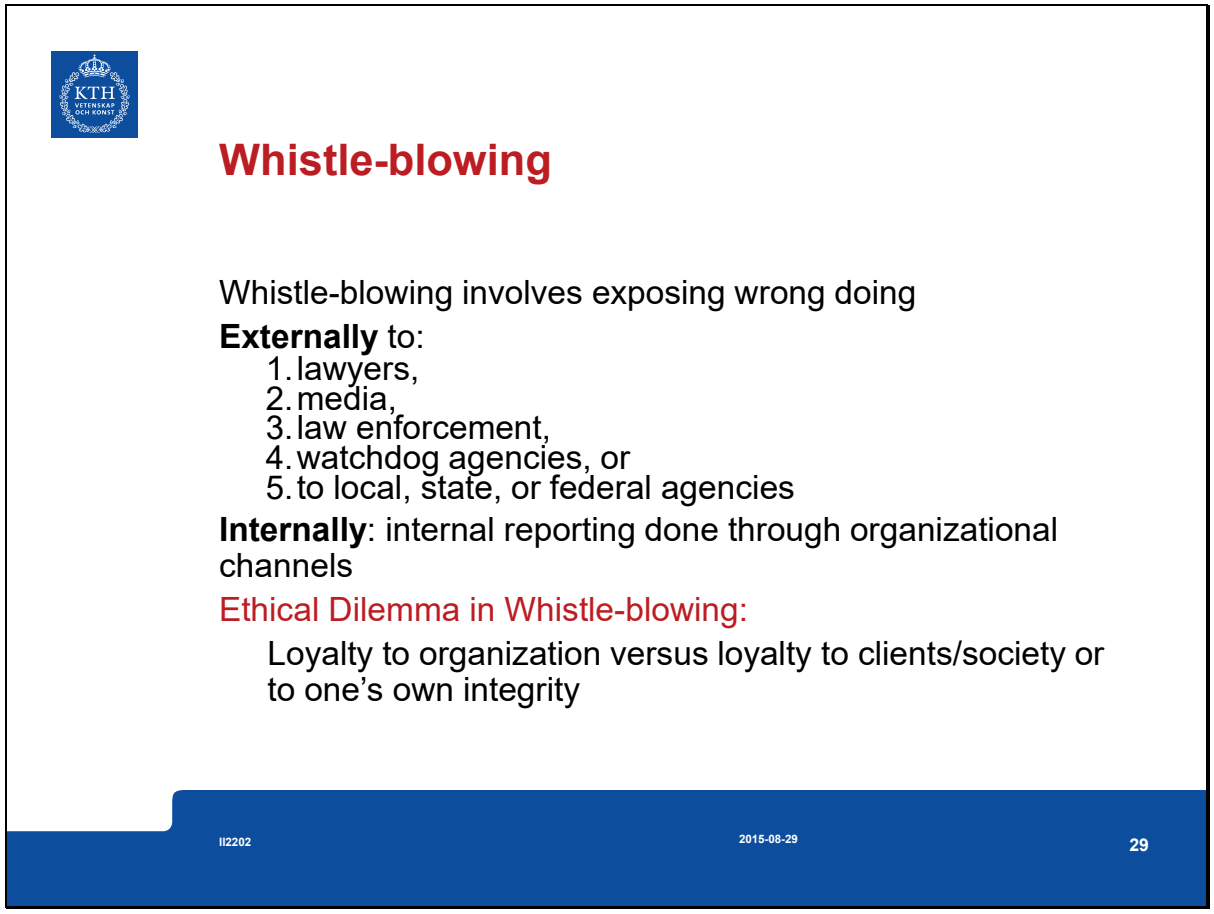
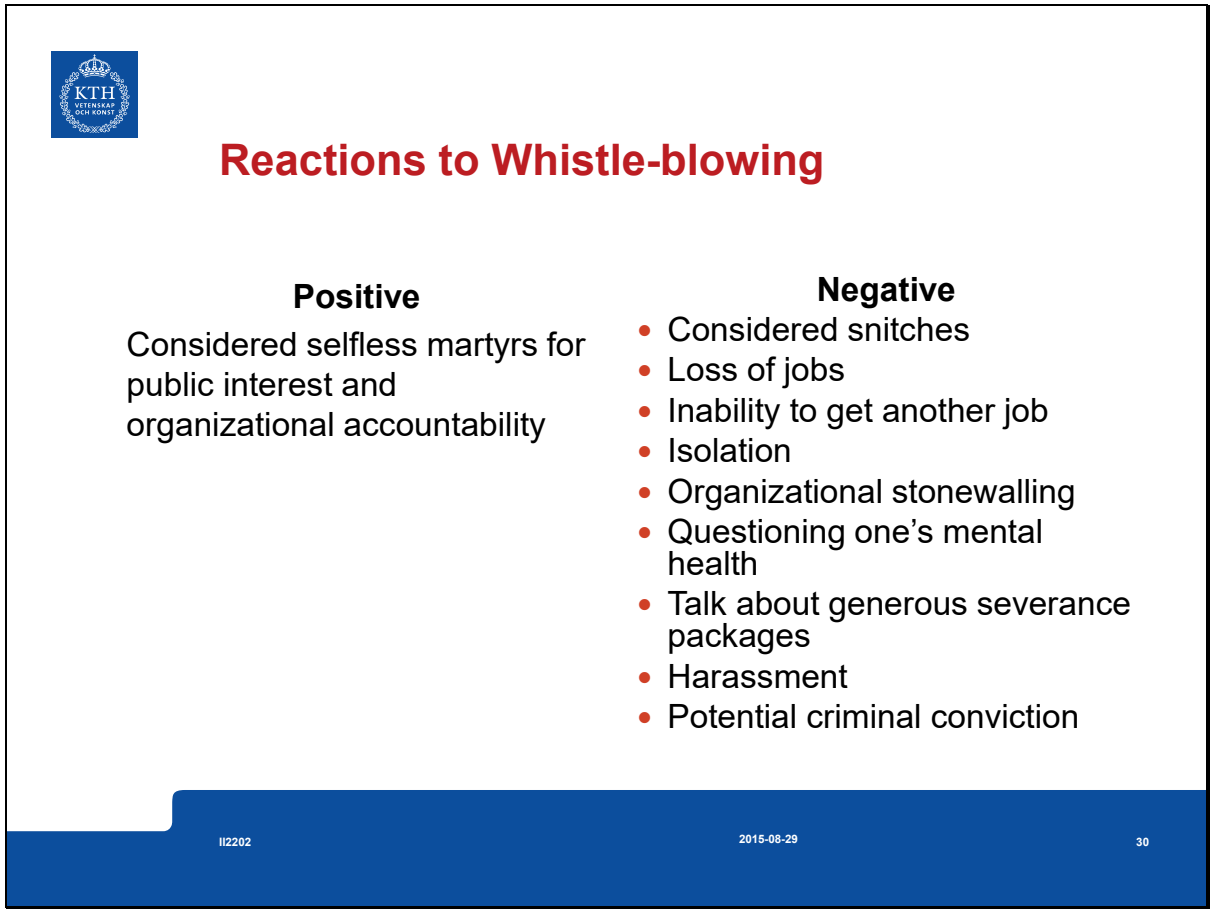
Slide 29



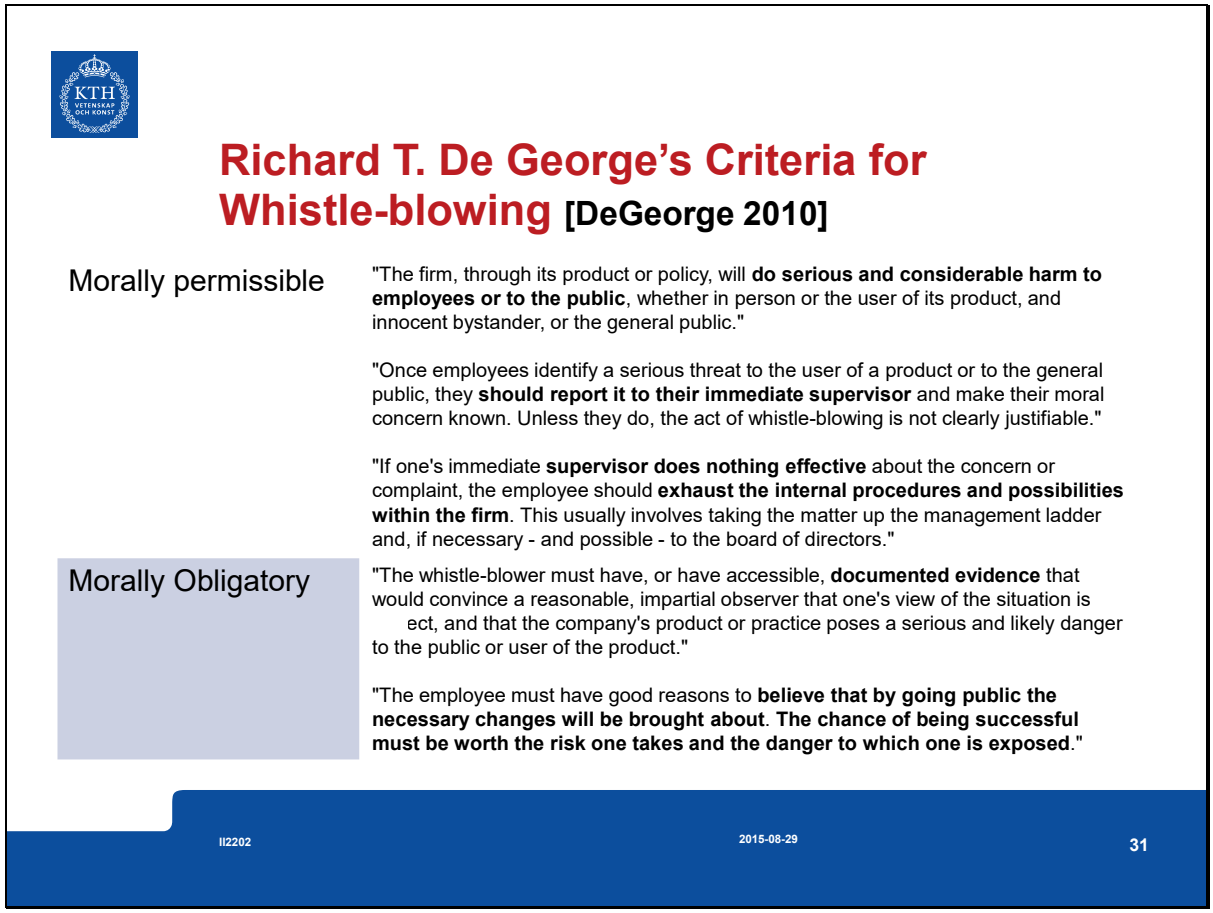
Adapted from slides 30, 32, 35 of McGee Lecture2 2013.

Slide 30



Adapted from slide 34 of McGee Lecture2 2013.

Slide 31



[DeGeorge 2010] Richard T. De George, *Business ethics*, 7th ed. Upper Saddle River, N.J: Prentice Hall, 2010.

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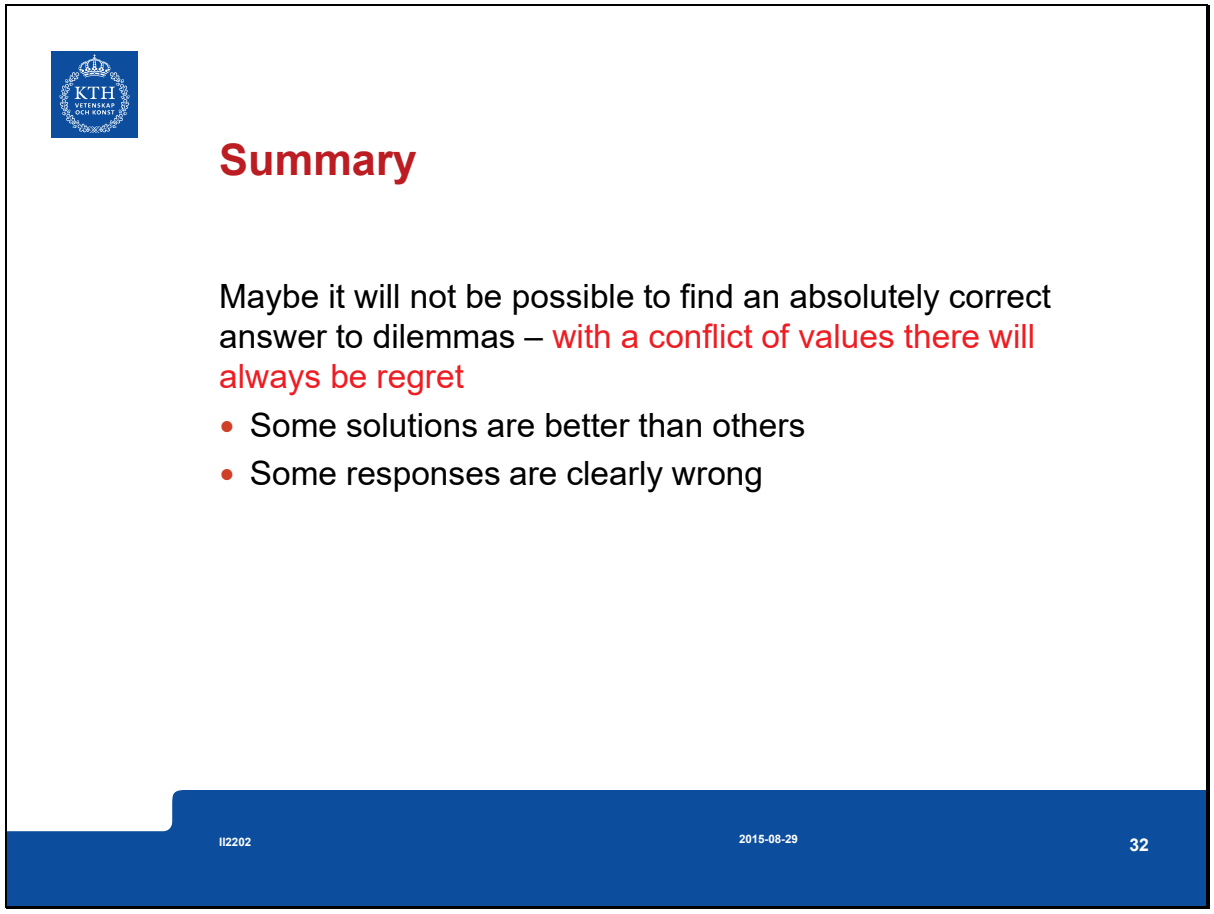
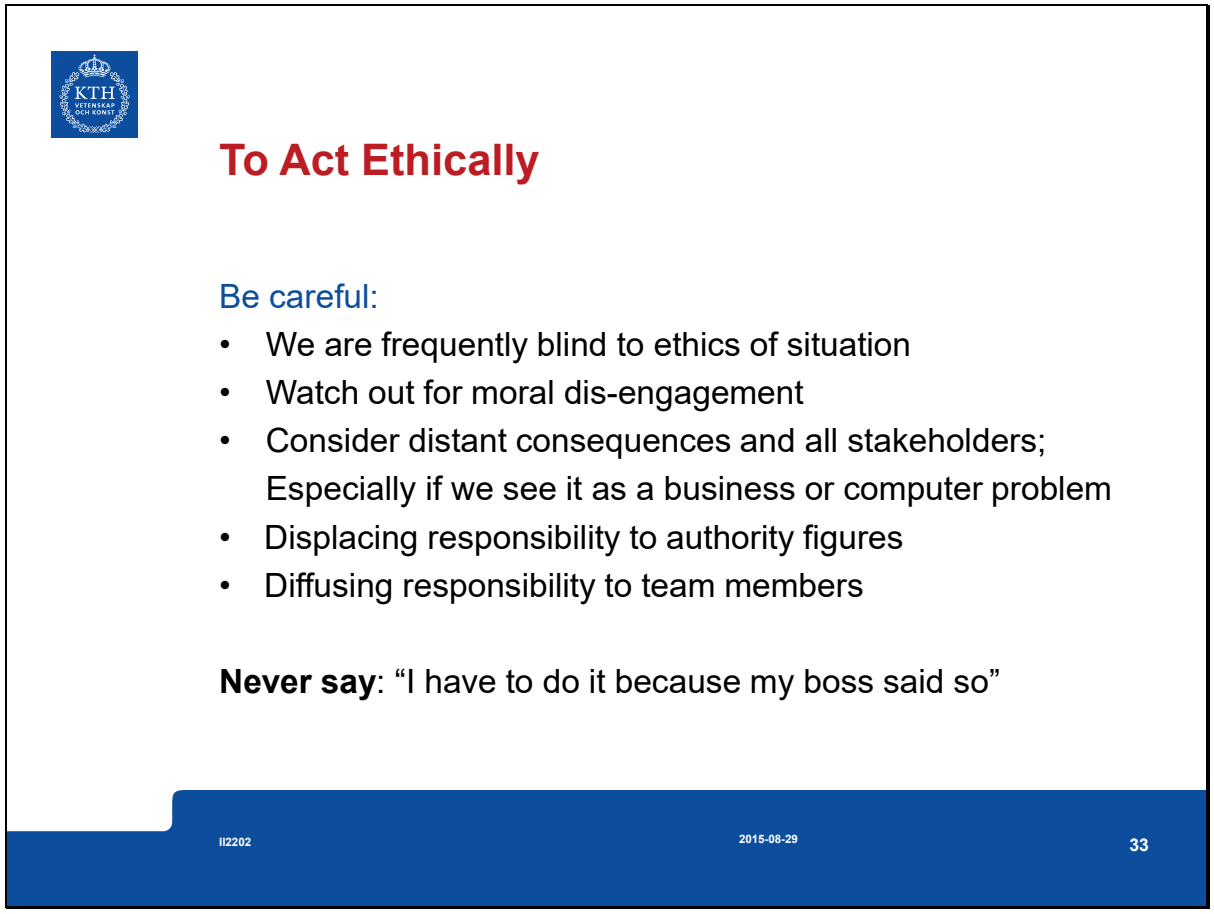
Slide 32



Adapted from slide 36 of McGee Lecture2 2013.

Slide 33



Adapted from slides 37 and 38 of McGee Lecture2 2013.

Slide 34

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