## Discussion questions: Privacy and security technologies for fighting terrorism

- 1. Consider why privacy is important for (a) the individual, and (b) the society.
- 2. Consider the below mentioned statement and discuss *pro et con* arguments related to this position:
  - "If people don't care about their informational privacy in the first place, then there is no privacy problem, and it will be okay to use their online data in relation to technology led terror fighting initiatives."
- 3. Consider the below mentioned statement and discuss *pro et con* arguments related to this position:
  - "Nowadays people should worry more about privacy threats from Google, Apple, Facebook, and Amazon, and less about privacy threats from state surveillance (Big Brother)."
- 4. Define Big Data and consider its role in surveillance technologies for fighting terrorism.
- 5. Consider what is meant by "the nothing to hide" argument, and discuss *pro et con* arguments related to this position.
- 6. Consider if and how privacy and national security can be balanced?

## References

- Anderson, C. (2008) wired.com, "The End of Theory: The Data Deluge Makes the Scientific Method Obsolete". [[accessed Nov. 11, 2016]: http://archive.wired.com/science/discoveries/magazine/16-07/pb\_theory
- Ansoff, H. I. (1975) "Managing Strategic Surprise by Response to Weak Signals". *California Management Review*, XVIII: 2, 21–33.
- Beken, T. V. (2004) "Risky Business: A risk-based methodology to measure organized crime". *Crime, Law & Social Change* No. 41, pp. 471-516.
- Benn, S. (1971) "Privacy, Freedom and Respect for Persons", J. R. Pennock, J. W. Chapman (eds.) *Privacy*, Atherton Press, New York, pp. 1-27.
- Biehn, N. (2013) "The Missing V's in Big Data: Viability and Value", [accessed Nov. 11, 2016]: <a href="http://www.wired.com/insights/2013/05/the-missing-vs-in-big-data-viability-and-value/">http://www.wired.com/insights/2013/05/the-missing-vs-in-big-data-viability-and-value/</a>
- boyd, d., & Crawford, K. (2012) "CRITICAL QUESTIONS FOR BIG DATA", *Information, Communication & Society*, 15:5, 662-679.
- Brewster, B., Polovina, S., Rankin, G., Andrews, S. (2014) "Knowledge Management and Human Trafficking: Using Conceptual Knowledge Representation, Text Analytics and Open-Source Data to Combat Organized Crime", N. Hernandez et al. (eds.), *ICCS 2014, LNAI 8577*, 104-117.

- Callanan, C., Gercke, M., De Marco, E., Dries-Ziekenheiner, H. (2009) "Internet Blocking balancing cybercrime responses in democratic societies" [accessed Nov. 11, 2016]: <a href="http://www.aconite.com/sites/default/files/Internet\_blocking\_and\_Democracy.pdf">http://www.aconite.com/sites/default/files/Internet\_blocking\_and\_Democracy.pdf</a>
- Clarke, R. 2013. "Introduction to Dataveillance and Information Privacy, and Definitions of Terms". [accessed Nov. 11, 2016]: <a href="http://www.rogerclarke.com/DV/">http://www.rogerclarke.com/DV/</a>
- Choo, C. W. (1999) "The Art of Scanning the Environment", *Bulletin of the American Society for Information Science*, February/March 1999, 21-24.
- Floridi, L. (2012) "Big Data and Their Epistemological Challenge", *Philos. Technol.* 25:435-437.
- Fried, C. (1968) "Privacy: a Moral Analysis", Yale Law Journal, Vol. 1, No 77, 475-493.
- Gerdes, A. (forthcoming 2017)," Big Data Fighting Organized Crime Threats while Preserving Privacy", H., L. Larsen, J. M. Blanco, R. P. Pastor, R. R. Yager (eds.) Using Open Data to Detect Organized Crime Threats: Factors Driving Future Crime. Springer.
- Gerdes, A. (2014) "A Privacy Preserving Design Framework in Relation to an Environmental Scanning System for Fighting Organized Crime", K. Kimppa, D. Whitehouse, T. Kuusela & J. Phahlamohlaka (eds.), *ICT and Society: 11th IFIP TC9 International Conference on Human Choice and Computers, HCC11, 2014 Turku, Finland, July 30 August 1, 2014.* Springer-VS, 226-239.
- Hilbert, M. (2016) "Big Data for Development: A review of Promises and Challenges", *Development Policy Review*, 2016, 34 (1): 135-174.
- IOCTA (2015) "Internet Organized Crime Threat Assessment 2015", [accessed Nov. 11, 2016]: https://www.europol.europa.eu/content/internet-organised-crime-threat-assessment-iocta-2015
- Jonas, J. & Harper, J (2006) "Effective Counterterrorism and the Limited Role of Predictive Data Mining". *Policy Analysis* no. 584: December 11, 2006. 1-11.
- Liotta, P. H. (2002) "Boomerang Effect: the Convergence of National and Human Security", *Security Dialogue* © 2002 PRIO. SAGE Publications, Vol. 33(4), 473-488.
- Mayer-Schönberger, V., Cukier, K. (2013) *Big data: a revolution that will transform how we live, Work and think.* USA: John Murray.
- Nissenbaum, H. (2010) *Privacy in Context Technology, Policy and the Integrity of Social Life*, Stanford Law Books, Stanford.
- PCAST (2014) "Report to the President BIG DATA AND PRIVACY: A TECHNOLOGICAL PERSPECTIVE". Executive Office of the President's Council of Advisors on Science and Technology, [accessed Nov. 11, 2016]:

  <a href="https://www.whitehouse.gov/sites/default/files/microsites/ostp/PCAST/pcast\_big\_data\_and\_privacy\_-\_may\_2014.pdf">https://www.whitehouse.gov/sites/default/files/microsites/ostp/PCAST/pcast\_big\_data\_and\_privacy\_-\_may\_2014.pdf</a>
- Peissl, W. (2003) "Surveillance and Security: A Dodgy Relationship", *Journal of Contingencies and Crises Management*, Vol. 1, No. 11, 19-24.
- Perry, W. L., McInnis, B., Price, C. C., Smith, S. C., & Hollywood, J. S. (2013) "Predictive Policing. The Role of Crime Forecasting in Law Enforcement Operation". *RAND Corporation, Safety and Justice Program* RAND Corporation, [accessed Nov. 11, 2016]: http://www.rand.org/pubs/research\_reports/RR233.html
- Rachels, J. (1995) "Why Privacy is Important", Philosophy & Public Affairs, Vol. 4, No. 4, 323-333.
- Ratcliffe, J. H. (2011). Intelligence-Led Policing. New York, USA: Routledge.
- Reiman, J. H. (1995). "Driving to the Panopticon: A Philosophical Exporation of the Risks to Privacy Posed by the Highway Technology of the Future". *Santa Clara High Technology Law Journal*, 11 (1), s. 27-44.
- SOCTA (2016) "Serious Organized Crime Threat Assessment 2015", [accessed 25 April, 2016]: <a href="https://www.europol.europa.eu/latest\_publications/31">https://www.europol.europa.eu/latest\_publications/31</a>
- Van den Hoven, J. (1997) "Privacy and the Varieties of Informational Wrongdoing", *Computers and Society*, 33-37
- Warren, S. D., Brandeis, L. D. 1890. "The Right to Privacy", *Harvard Law Review* Vol. 4, no. 5 (DEC: 5, 1890), 193-2002.