DEPARTMENT OF COMPUTER SCIENCE

Towards a Responsible CyberSecurity Profession: Mapping CyBOK to Ethical Concerns

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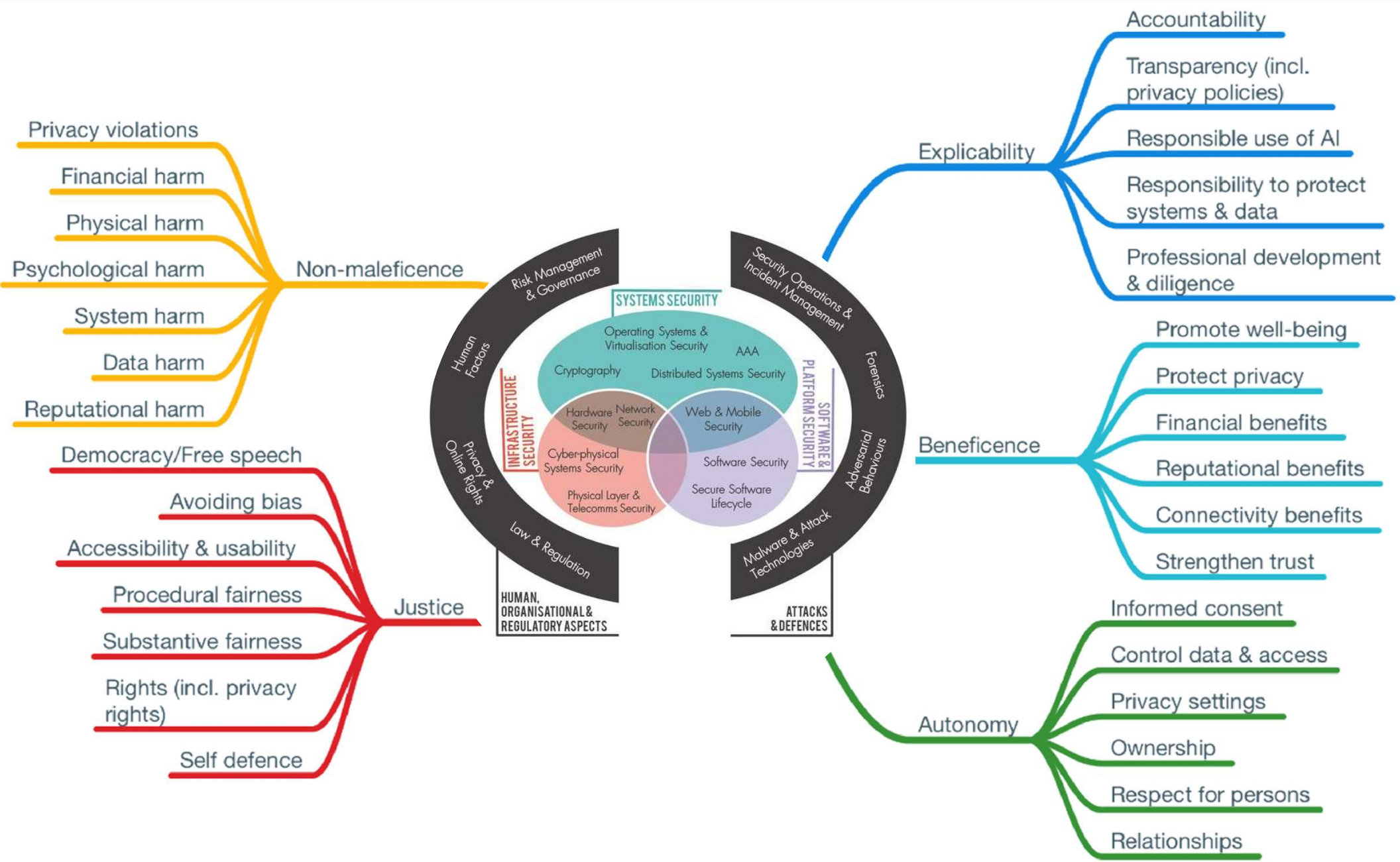
Ethics of CyberSecurity

- Ethical issues in CyberSecurity are widespread: e.g. privacy, disclosure, transparency, autonomy, justice, etc.
- Unlike in academic research, CyberSecurity Professionals have no ethical review boards to help
- Existing guidance is generally quite high level:
  - UK Cyber Security Council's code of ethics
  - ISSA Code of Ethics
  - ACM Code of Ethics and Professional Conduct
  - …



P. Formosa, M. Wilson, D. Richards, *A principlist framework for cybersecurity ethics* Computers & Security, Vol. 109, 2021

Research

- Objective: Map CyberSecurity Ethical challenges against CyBOK

- Method:
  1. Literature review of cybersecurity ethics
  2. Initial mapping of ethical issues to CyBOK KAs
  3. Interviews with experts and professionals to extend and validate mapping

- Interested in contributing your expertise?

  Please do get in touch: ivan.flechais@cs.ox.ac.uk