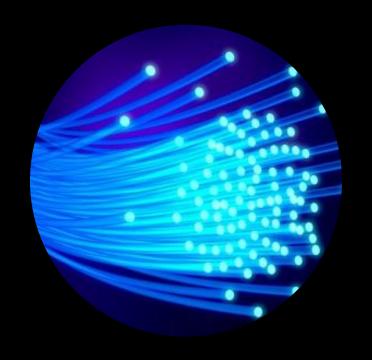


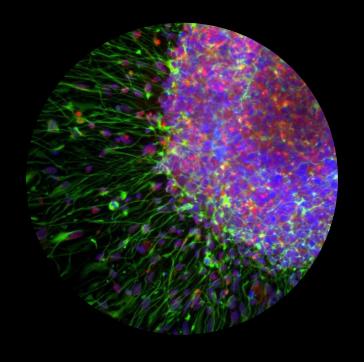
Legal Challenges for Future Technologies

Rain Liivoja Associate Professor TC Beirne School of Law law.uq.edu.au/future-war









Cyber capabilities

Robotic and autonomous systems

Biomedical performance enhancement



TALLINN MANUAL ON THE INTERNATIONAL LAW APPLICABLE TO CYBER WARFARE

Prepared by the International Group of Experts at the Invitation of The NATO Cooperative Cyber Defence Centre of Excellence

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Cyber operations — some current legal issues

data as an object

operations not amounting to attacks

peacetime breaches of sovereignty









Autonomous weapon systems — some legal issues

compliance with targeting rules

dictates of public conscience

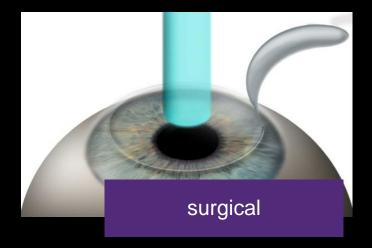
"meaningful human control" Cyber operations and autonomous systems - some common issues

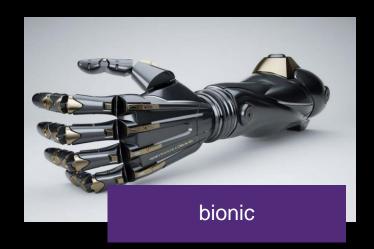


Means of human performance enhancement















Human enhancement - some LOAC issues

individual responsibility

superfluous injury

protection of medical personnel

Now what?

- Amending or adopting treaties? Unlikely
- Creative interpretation of existing law
- Articulation of national positions to influence customary law
- Various political and practical measures



LAW and the FUTURE of WAR

