

# ARMS CONTROL IN CYBERSPACE

> Why is it necessary and how it could work?

# CYBER: THE NEXT MILITARY DOMAIN

- > Defensive and offensive measures
- > Rules of state behavior for the cyberspace ?

# **(MANY) TREATIES NEED VERIFICATION**

- > Especially arms control needs monitoring and inspection**
  - > Practical measures to observe, count, compare, ...**

# IN A NUTSHELL: IT WON'T WORK

- > Established measures hard to apply on cyberspace
- > No counting, no borders, no tracking things to its origins...



**BUT !**

- > The Cyberspace is a man made domain**
- > Solutions might exist but not yet applied to arms control**

# SOME EXAMPLES

- > **DRM: non-proliferation**
- > **IPv6: identifiability and attribution**
- > **BGP: sovereignty and accountability**

# TAKE HOME MESSAGES

- > Keeping the pace with military developments
- > Arms control and verification is possible in cyberspace
  - > We maybe already have the necessary tools