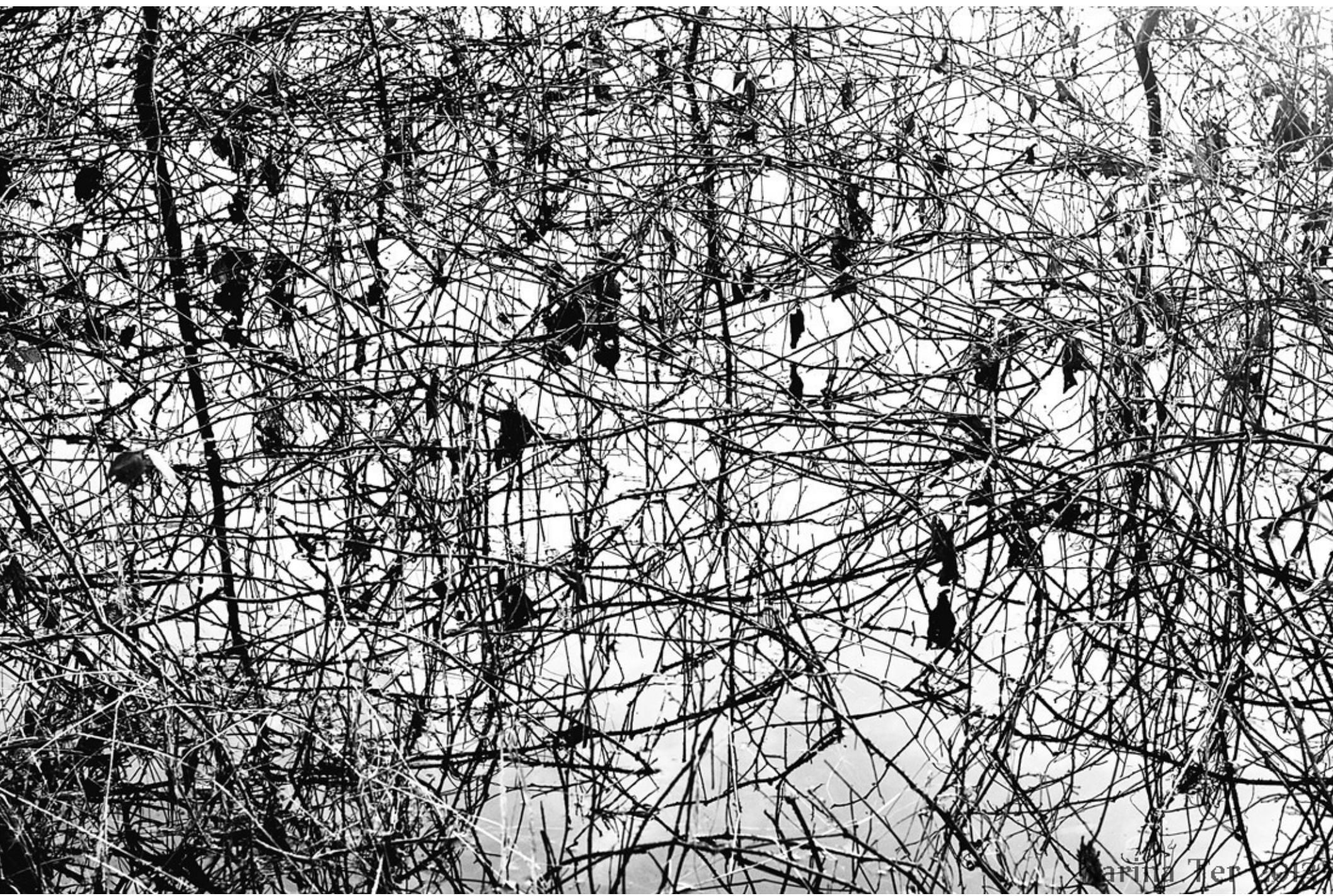


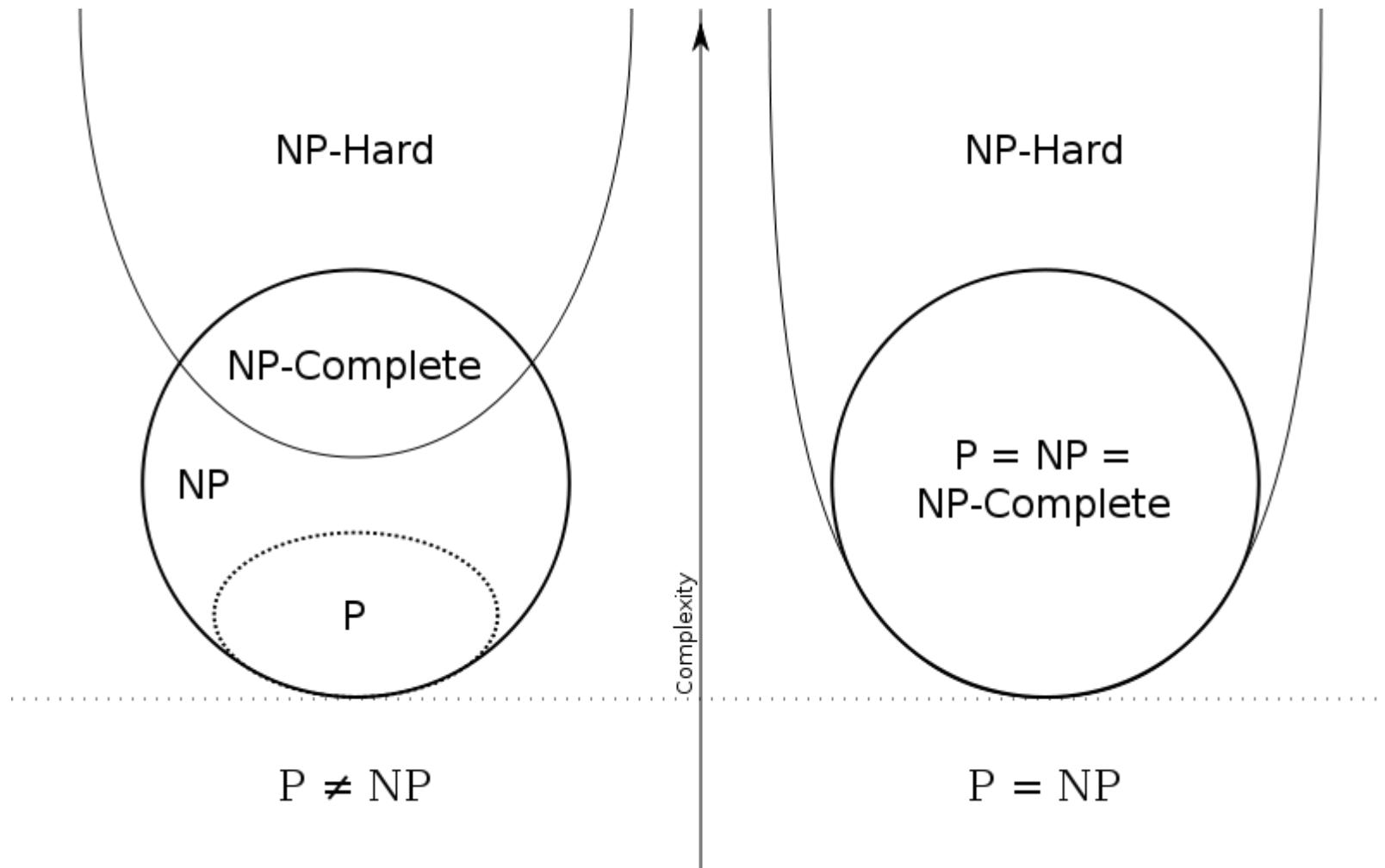


CAN INTERNET PROTOCOLS AFFECT HUMAN RIGHTS?

Niels ten Oever // niels@article19.org // @nielstenoever
GPG FP: 2458 0B70 5C4A FD8A 9488 643A 0ED8 3F3A 468A C8B3



Mariam Ter



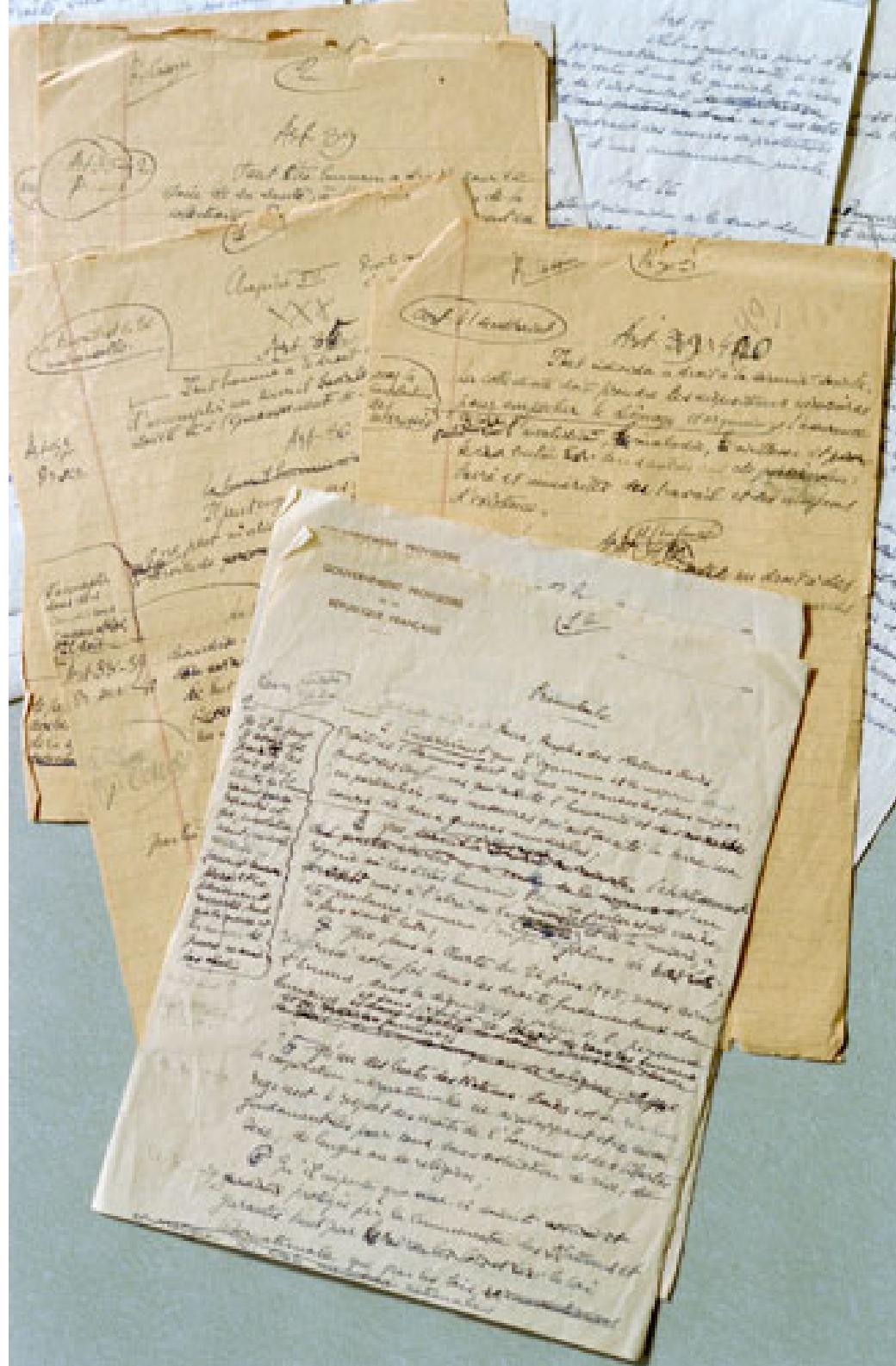
define \$PROTOCOL

- (1) standard
- (2) implementation

define \$RIGHTS

(1) a bit of history

1947



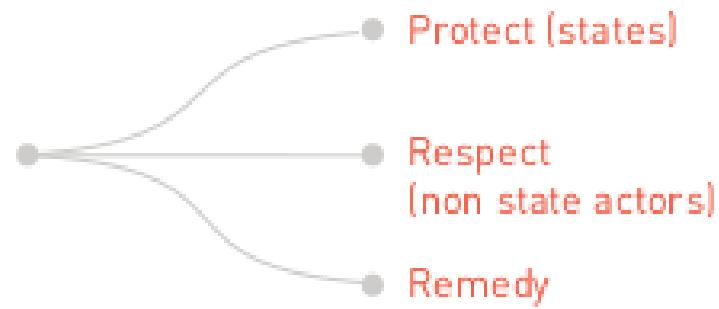
Universal Declaration of Human Rights



Universal Declaration of Human Rights



- UN Guiding Principles on Business and Human Rights (2011)
- UN Global Compact (2000)



Rights and technology?



UN Human Rights Council 2012

Affirms that the **same rights that people have offline must also be protected online**, in particular freedom of expression, which is applicable regardless of frontiers and through any media of one's choice, in accordance with articles 19 of the Universal Declaration of Human Rights and the International Covenant on Civil and Political Rights;

UN Special Rapporteur FoE

- 2015 report:

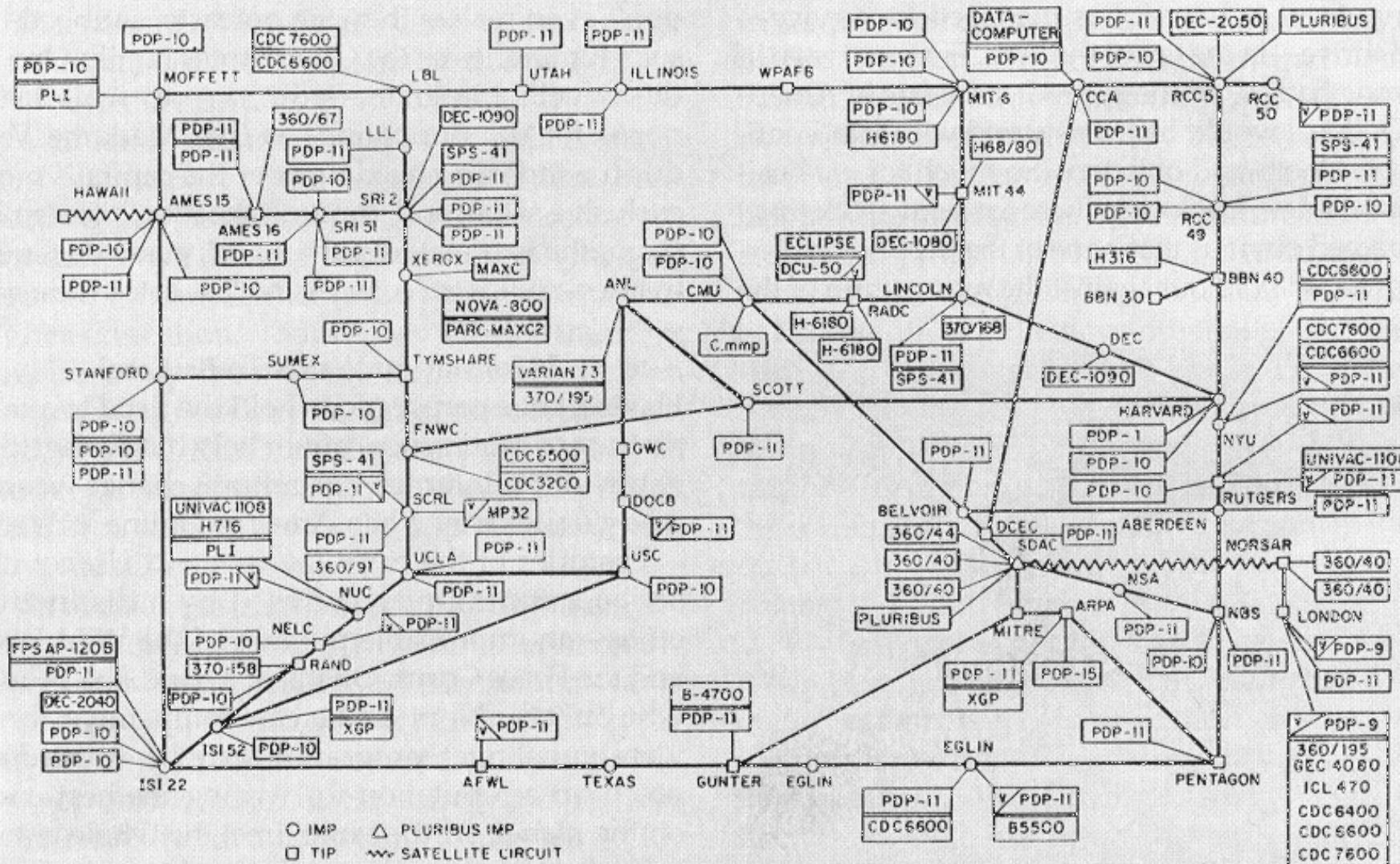
Governments should promote the use of strong encryption and protect anonymous expression online

- 2016 report:

Private entities should ensure the greatest possible transparency in their **policies, standards and actions that implicate the freedom of expression and other fundamental rights.**

Private entities should also integrate **commitments to freedom of expression into internal policymaking, product engineering, business development, staff training and other relevant internal processes.**

ARPANET LOGICAL MAP, MARCH 1977



(PLEASE NOTE THAT WHILE THIS MAP SHOWS THE HOST POPULATION OF THE NETWORK ACCORDING TO THE BEST INFORMATION OBTAINABLE, NO CLAIM CAN BE MADE FOR ITS ACCURACY.)

NAMES SHOWN ARE IMP NAMES, NOT (NECESSARILY) HOST NAMES

User

[Sign out](#)
[Account info](#)
[Preferences](#)
[Change password](#)
[Change username](#)

Groups

[Active WGs](#)
[Active RGs](#)
[Other](#)

By area/parent

[Applications and Real-Time](#)
[General](#)
[Internet](#)
[Ops & Mgmt](#)
[Routing](#)
[Security](#)
[Transport](#)
[IRTF](#)

New work

[Chartering groups](#)
[BOFs](#)

Other groups

[Concluded groups](#)
[Non-WG lists](#)

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WG chair

[Approve a draft](#)
[hrpc rg docs](#)
[hrpc rg meetings](#)

RFC streams

[IAB](#)
[IRTF](#)
[ISE](#)

Meetings

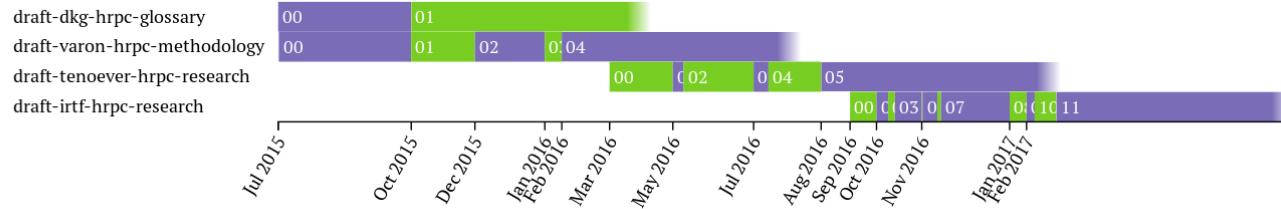
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[Materials](#)
[Past proceedings](#)
[Upcoming](#)

Research into Human Rights Protocol Considerations

draft-irtf-hrpc-research-11

[Document](#) [IESG evaluation record](#) [IESG writeups](#) [Email expansions](#) [History](#)

Versions [00](#) [01](#) [02](#) [03](#) [04](#) [05](#) [06](#) [07](#) [08](#) [09](#) [10](#) [11](#)



Document Type Active Internet-Draft (hrpc RG)

Last updated 2017-02-25

Replaces [Edit](#) [draft-tenoever-hrpc-research](#)

Stream IRTF

Intended RFC status [Edit](#) Informational

Formats [plain text](#) [xml](#) [pdf](#) [html](#) [bibtex](#)

Reviews [Request review](#)

Stream IRTF state [Edit](#) In RG Last Call

Consensus [Edit](#) Unknown

Boilerplate

On Agenda [Edit](#) hrpc at IETF-98

RFC Editor Note [Edit](#) (None)

IESG IESG state I-D Exists

Telechat date

Responsible AD (None)

Send notices to [Edit](#) (None)

[Email authors](#) [IPR](#) [References](#) [Referenced by](#) [Nits](#) [Search lists](#) [Track](#) [Begin IETF conflict review](#) [Request publication](#)

Human Rights Protocol Considerations Research Group

Internet-Draft

Intended status: Informational

Expires: August 29, 2017

N. ten Oever

ARTICLE 19

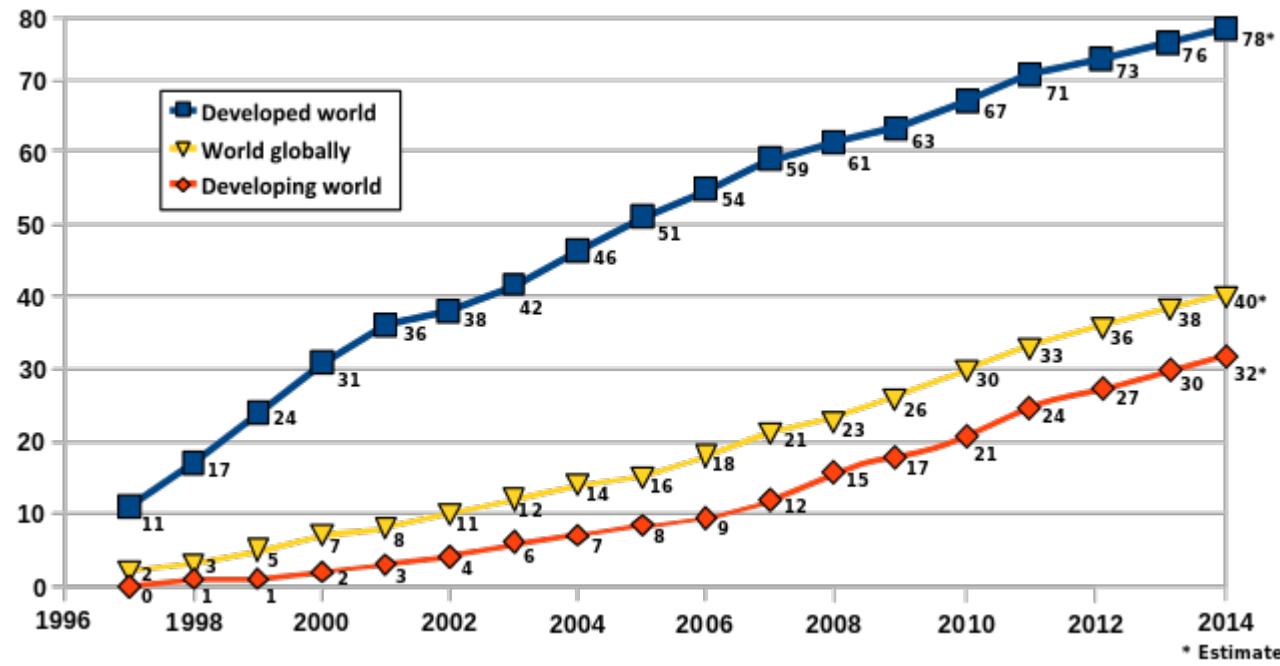
C. Cath

Oxford Internet Institute

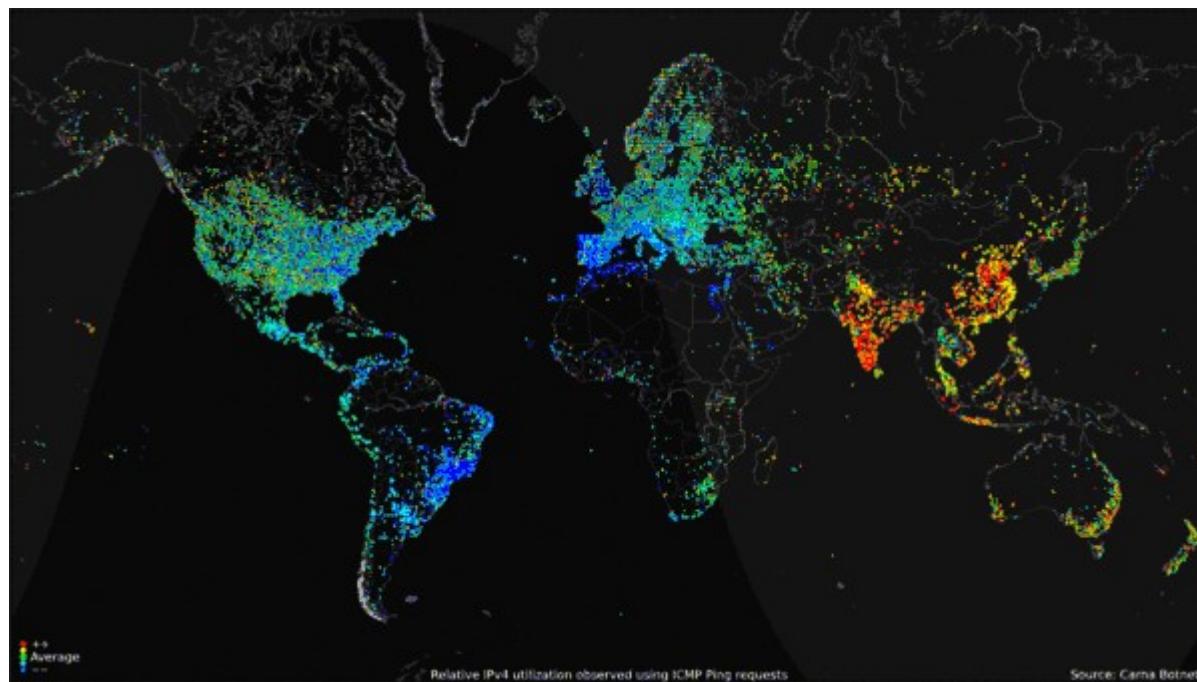
February 25, 2017

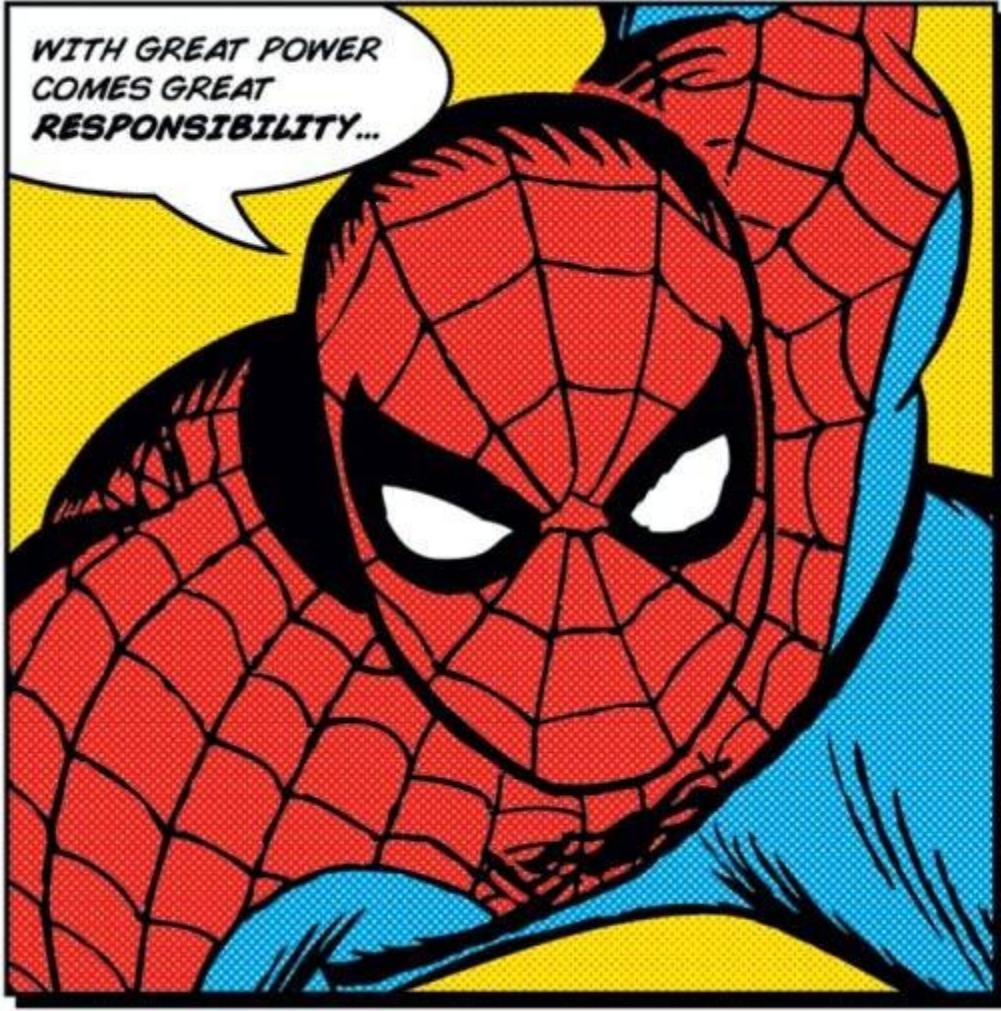
Research into Human Rights Protocol Considerations
[draft-irtf-hrpc-research-11](#)

Abstract



X-axis: time || y-axis: Internet penetration as % of population





WITH GREAT POWER
COMES GREAT
RESPONSIBILITY...

RFC3935

A mission statement for the IETF

-

"The Internet isn't value-neutral,
and neither is the IETF."

FIRST

UNDERSTAND

THE

PROBLEM

Tech > Policy ?

Policy > Tech ?

BCP72

Guidelines for Writing RFC Text
on Security Considerations

RFC6973

Privacy Considerations for
Internet Protocols

RFC7258

Pervasive Monitoring Is an Attack

RFC7624

Confidentiality in the Face of
Pervasive Surveillance

What about other rights?

- Right to Freedom of Expression
- Right to Freedom of Association
- Right to Non-Discrimination
- Right to Political Participation
- Right to Education
- Right to Security
- Right to Participate in Cultural Life, Arts and Science
- etc

know & show

document

set the standards



IEEE P7000

Model Process for
Addressing Ethical Concerns
During System Design

ISO 26000

Social Responsibility

role and influence
in complex
landscape / stack / ecosystem

'Technology is neither good nor bad; nor is it neutral.'



draft-irtf-hrpc-research-11

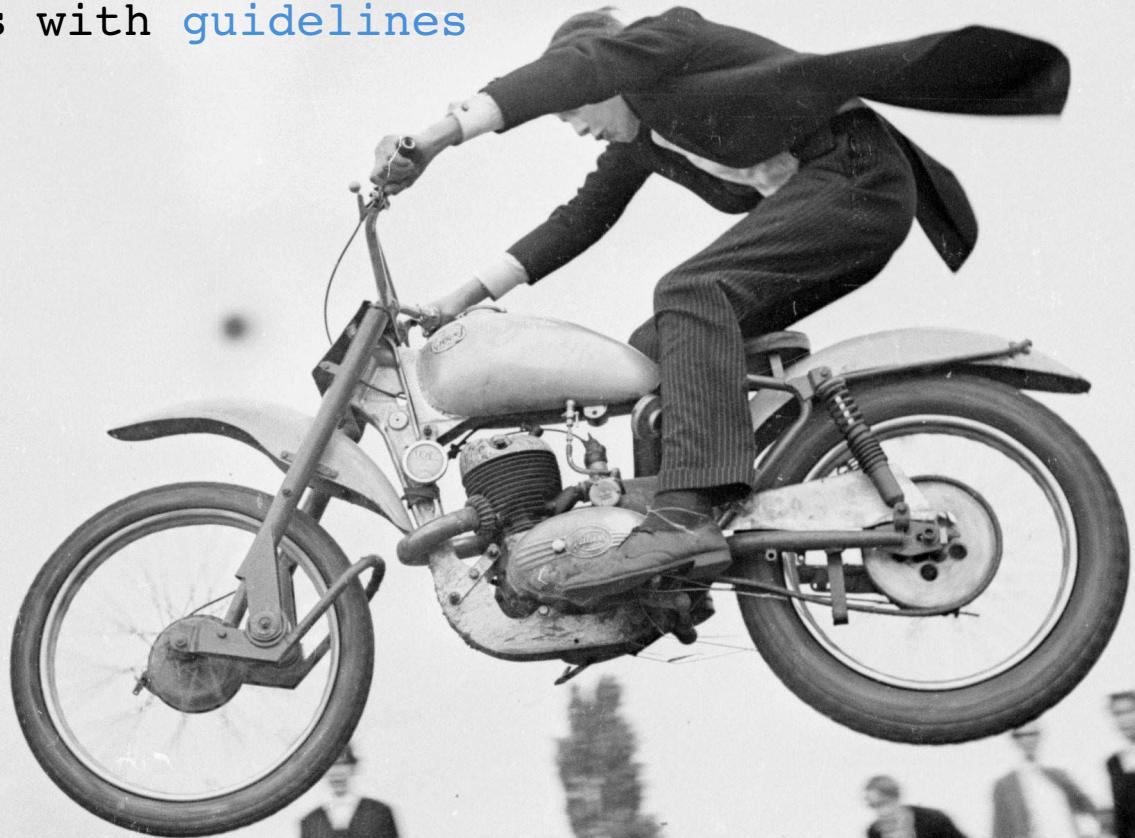
Research Group consensus in HRPC, will be
sent for consideration of IRSG

Time to bring this discussion to the IETF ?

BoF in IETF gen area for Prague meeting?

and..

More roadtests with [guidelines](#)



```
if write code(protocols):
    consider human rights implications
elif run internet infrastructure:
    respect human rights
elif engage in internet governance:
    build in human rights protections
else
    carry on and use FLOSS
```

