

“Town Hall” @ IEEE CQR International Workshop

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Tucson

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Observation No. 1

Electrical Engineers* are rapidly transforming the world more so than any other profession in history.*

* and related disciplines

** With the exception a few spiritual leaders.

Consider the transformation of these sectors . . .

Finance

Transportation

Government

Retail

Defense

Communications

Entertainment

Education

Media

Healthcare

Energy

Observation No. 2

The “digital revolution” that we are leading creates some unresolved policy issues of high consequence.

Consider the potential impact of these issues:

Supply Chain Integrity

Internet Governance

Digital Currency

Privacy

Hacking Commercial IP

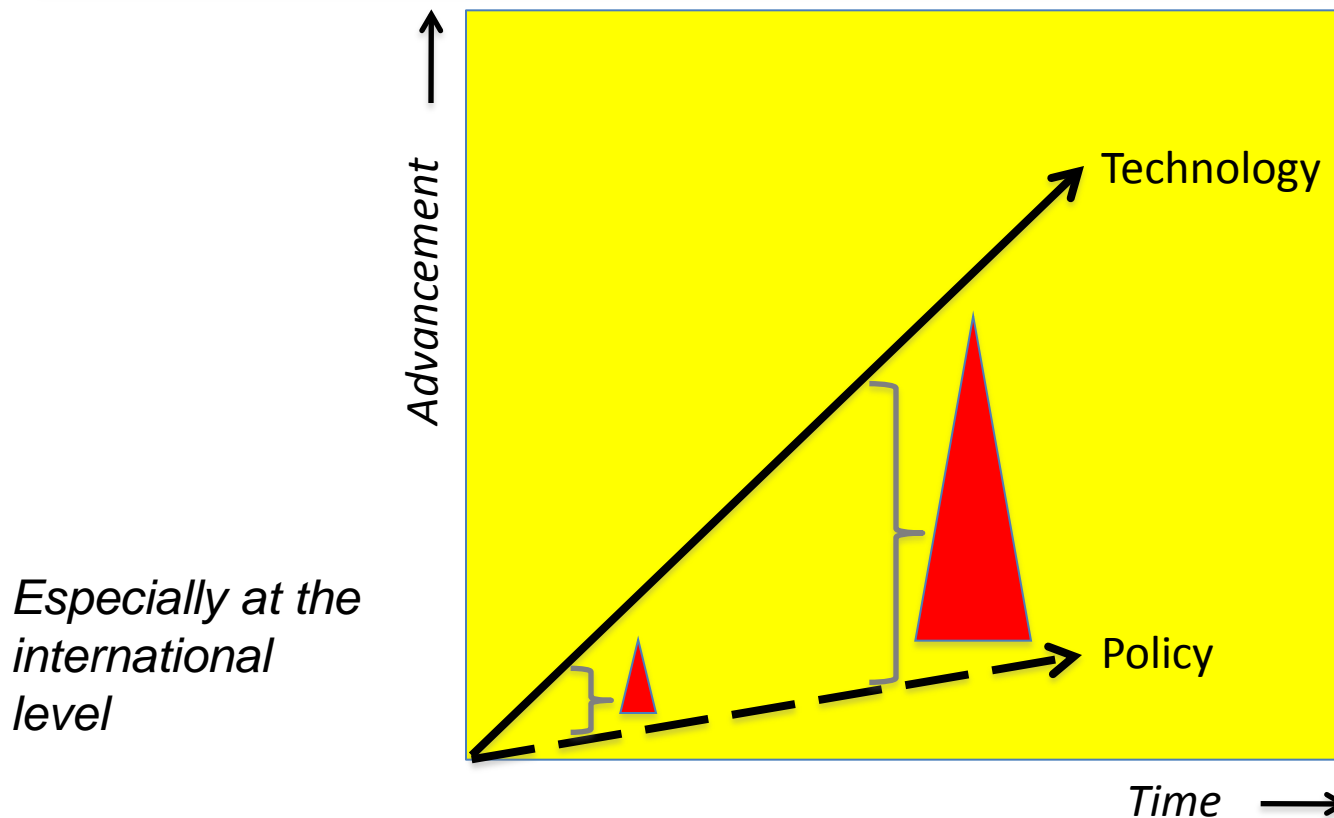
Electronic Espionage

Youth Protection

Cyber War

Observation No. 3

Policy development in critical areas often lags rapid technology advances.

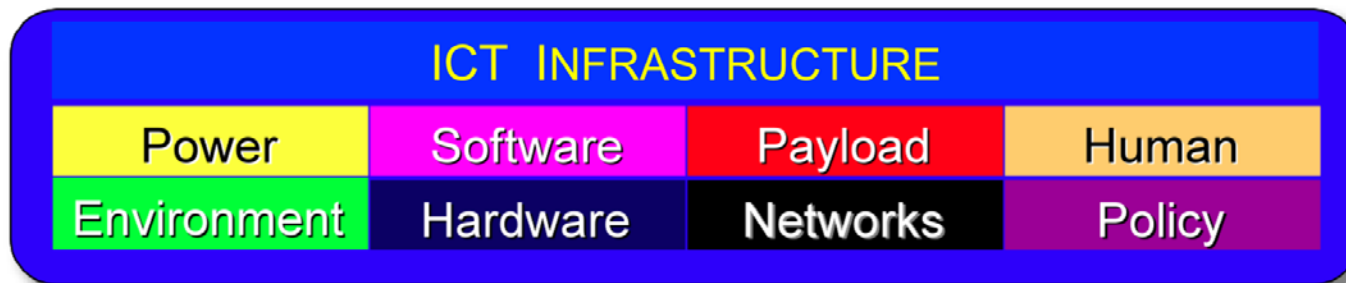


The Rise of the 8th Ingredient- the Imperative of Addressing the International Policy Gap in Cyberspace, Karl Frederick Rauscher, FIRST Technical Colloquium, Beijing: 2010.

The Mindset and Management for Mastering Financial Stability in the Cyber Frontier, Karl Frederick Rauscher, The Financial Stability Journal, SEACEN: Volume 2, 2014.

Observation No. 4

Policy is an essential ingredient of cyberspace.



Agreements, Standards, Policy, Regulations (ASPR), or “Policy” in short, enable entities to anticipate the behavior of other entities (humans, companies, governments, machines) .

ATIS Telecom Glossary, www.atis.org .
Proceedings of the 2001 IEEE CQR Workshop. Karl Frederick Rauscher

Observation No. 5

Engineers have untapped potential for policy development

Proven international collaboration

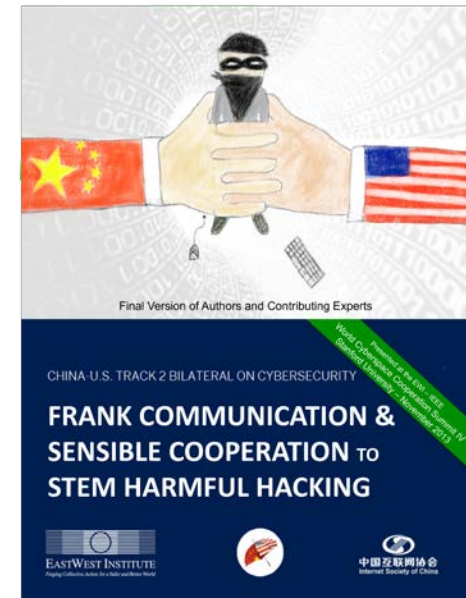
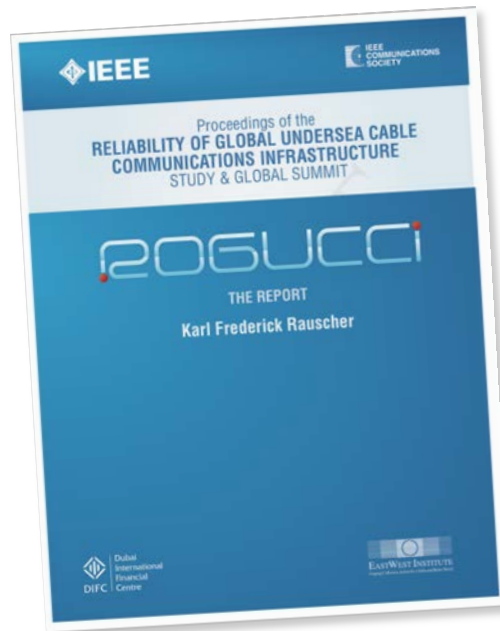
Trusted professionals

Easier to learn policy than vice versa

Can do science diplomacy

Observation No. 6

Electrical Engineers are making breakthroughs in the toughest areas of policy for cyberspace



Subject matter prioritization

