

# RSA® Conference 2018

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## CYBER-COMRADES: ALLIANCE BUILDING IN CYBERSPACE

**Kenneth Geers**

Senior Research Scientist  
Comodo Group  
@KennethGeers





# Nation-States

Culture

Territory

Sovereignty



# Alliances

Military

Political

Economic



T  
U  
Ü  
V

# Information Technology

W

X

Y

Z

Data

1

Information

2

Intelligence

3

4

5

6

7

8

9

0



# New Nations



Facebook  
2,047,000,000

WhatsApp  
1,200,000,000

Borders

Enforcement

YouTube  
1,500,000,000

Facebook Messenger  
1,200,000,000

WeChat  
938,000,000

QQ  
861,000,000

Instagram 700,000,000	QZone 638,000,000	
Tumblr 357,000,000	Baidu Tieba 300,000,000	Skype 300,000,000
Twitter 328,000,000	Viber 260,000,000	Line 214,000,000
Sina Weibo 313,000,000	Snapchat 255,000,000	Pinterest 175,000,000



# Cyber War

UNIT

RMA

SCADA

Social





Malware

Propagation

Payload

Re-weaponization





# Strategic Impact

Proliferation

Attribution

Fog of War

False Flags

Diplomacy

Miscalculation



# Digital Diplomacy



## TECHNOLOGY



4:18

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# Russian Bots Are Spreading False Information After The Florida Shooting

February 20, 2018 · 4:38 PM ET

Heard on All Things Considered

AARTI SHAHANI



It's known that Russian groups used Facebook and other social media platforms to spread false information during the 2016 election, but now Russian bots are doing the same after the Florida shooting. So, how are tech giants thinking about tackling these issues and making sure the same thing doesn't happen in this year's midterm election?

[Transcript](#)



**“Short and fat” vs. “Cockroach”**



# Atmospheric Ignition

Cyber

Nuclear

Analogy





Cyber Cops

A

P

T

*J. Edgar Hoover F B I   Building*





# Non-Governmental Organizations

Citizen

Hacker

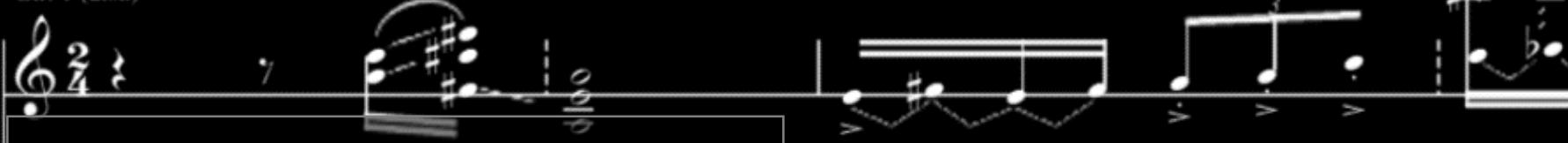




# Intergovernmental Organizations

Laws of War

Cyber Norms



# Technical Training

Sight reading sample chords

TAB

13 2  
0 14  
7 5  
7 5  
7 5  
5

\*Chord symbols reflect implied harmony.

Pitch: F# G F#

10 10 10 10 10 10 3 10 10

P.H. - - - - |

8 5 0 8 8 5 0 8 8 5 0 8 8 5 0 8 7 5 8 5 7 5 6 4 5 7 5 7 5 4 7 4 7 5 4 7 4 7 5 4 7

1/2 hold bend

Pitch: F# G A G

rit.

w/ bar



EU / OSCE

Cybercrime  
Convention

Confidence  
Building  
Measures





# North Atlantic Treaty Organization

Domain

Deterrence

Pledges



ЗАСЕДАНИЕ СОВЕТА ГЛАВ ГОСУДАРСТВ-ЧЛЕНОВ  
ШАНХАЙСКОЙ ОРГАНИЗАЦИИ СОТРУДНИЧЕСТВА  
上海合作组织峰会



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# Shanghai Cooperation Organisation

РОССИЯ УФА 2015  
2015年俄罗斯乌法



Code of Conduct

Info Sec vs. Cyber Sec



# Future

Desire

Transparency

Accountability