

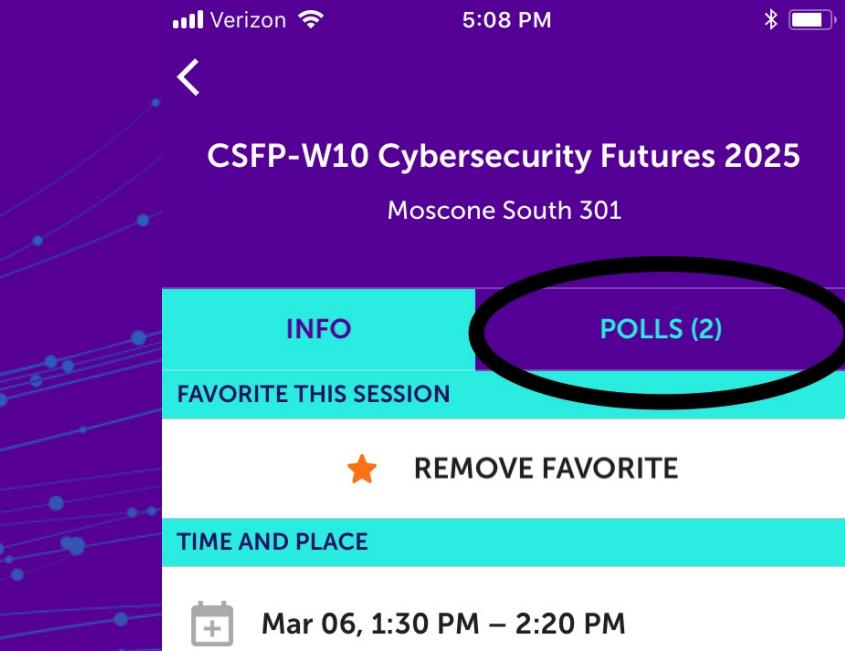
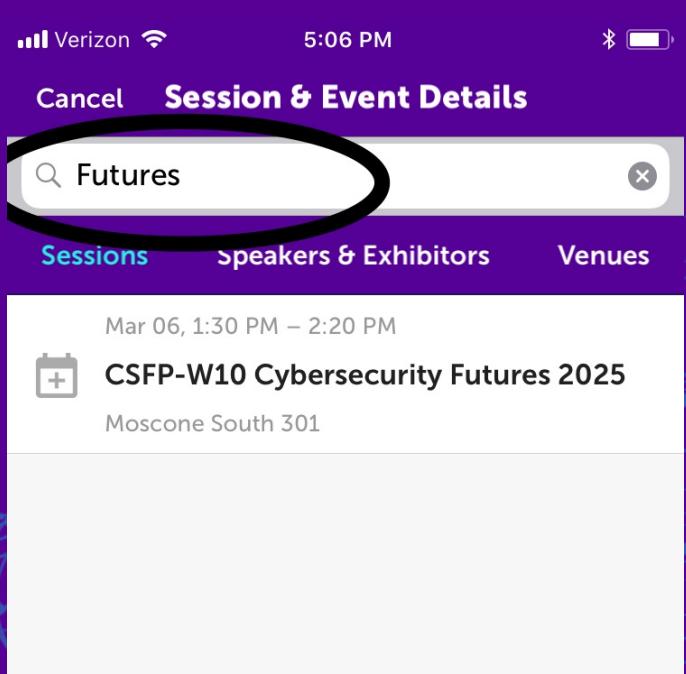
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Step 1: Go to Session and Event Details

Step 2: Search for “Futures”

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San Francisco | March 4–8 | Moscone Center

A large, abstract graphic in the top right corner depicting a complex network of interconnected lines in shades of blue, yellow, and orange, radiating from a central point.

BETTER.

SESSION ID: CSFP-W10

Future of Cybersecurity Scenarios: Anticipating the Cybersecurity Challenges of the Future

Steve Weber

Director
UC Berkeley's Center for Long-Term
Cybersecurity

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#RSAC

Part I: An Introduction

The project and the 2025 scenario worlds

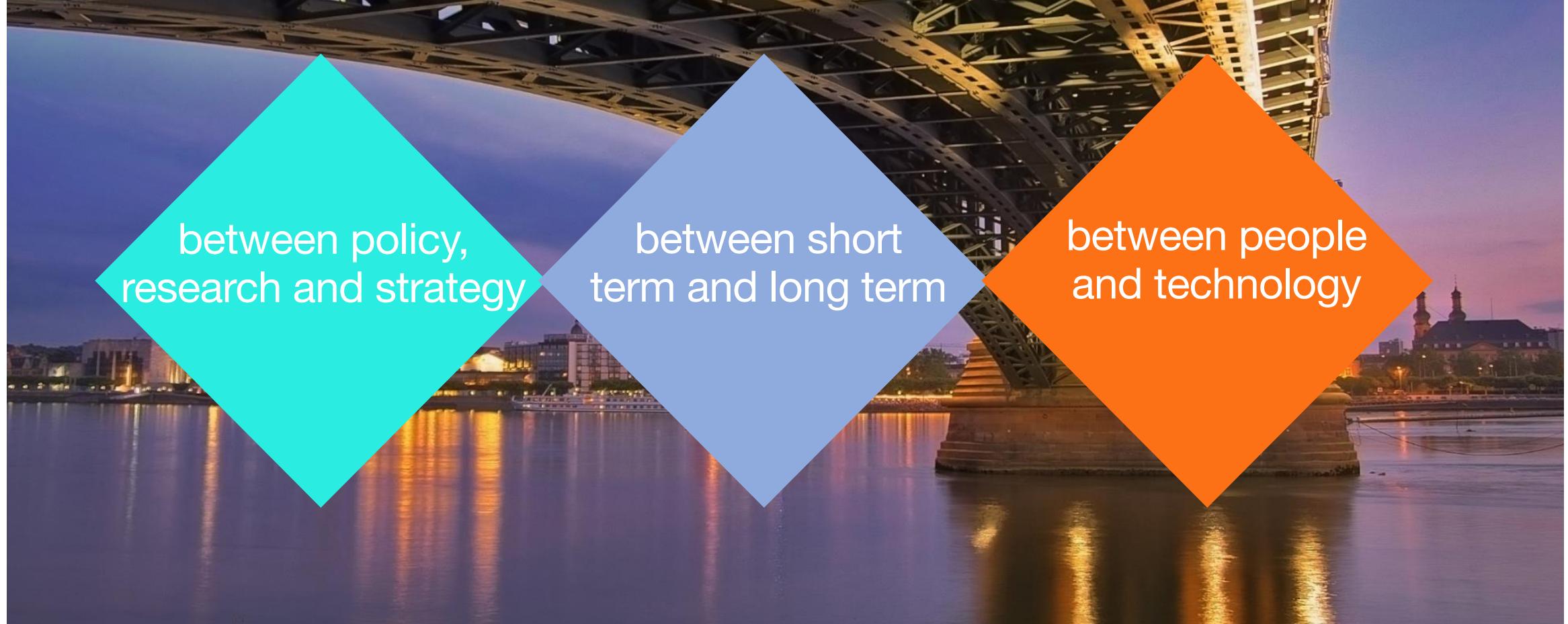
WHO: Project Leads



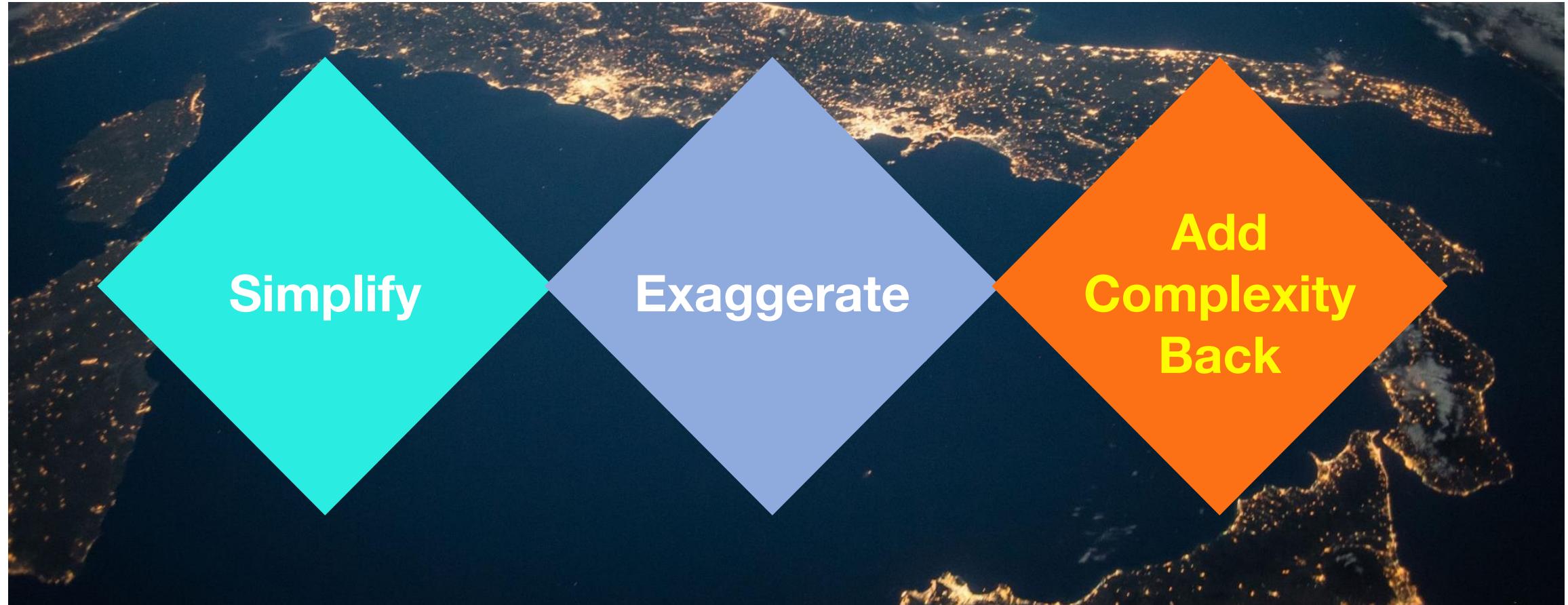
WHAT: Key Propositions for the Project

-  Cybersecurity, broadly defined, is the master problem of the Internet era
-  The problem set is evolving more quickly than is our understanding of it (and certainly our ability to ‘solve’)
-  Different countries and societies will grapple with the challenges those two propositions present, in different ways
-  Gaining foresight into those differences now will better situate us to tilt the digital world in a direction that is more secure and beneficial to people and societies...

WHY: Bridging the Gap



HOW: Using Scenarios



And now...Moving away from the official future...

New Wiggle Room

Perfect information makes societies perfectly miserable – and the escape is multiple identities.

Quantum Leap

Quantum capabilities are available to some, and containing ‘proliferation’ is not a simple matter of carrots and sticks.

Barlow's Revenge

In the digital world, the state is now either fully in or fully out – and not all countries make the ‘obvious’ choice

Trust Us

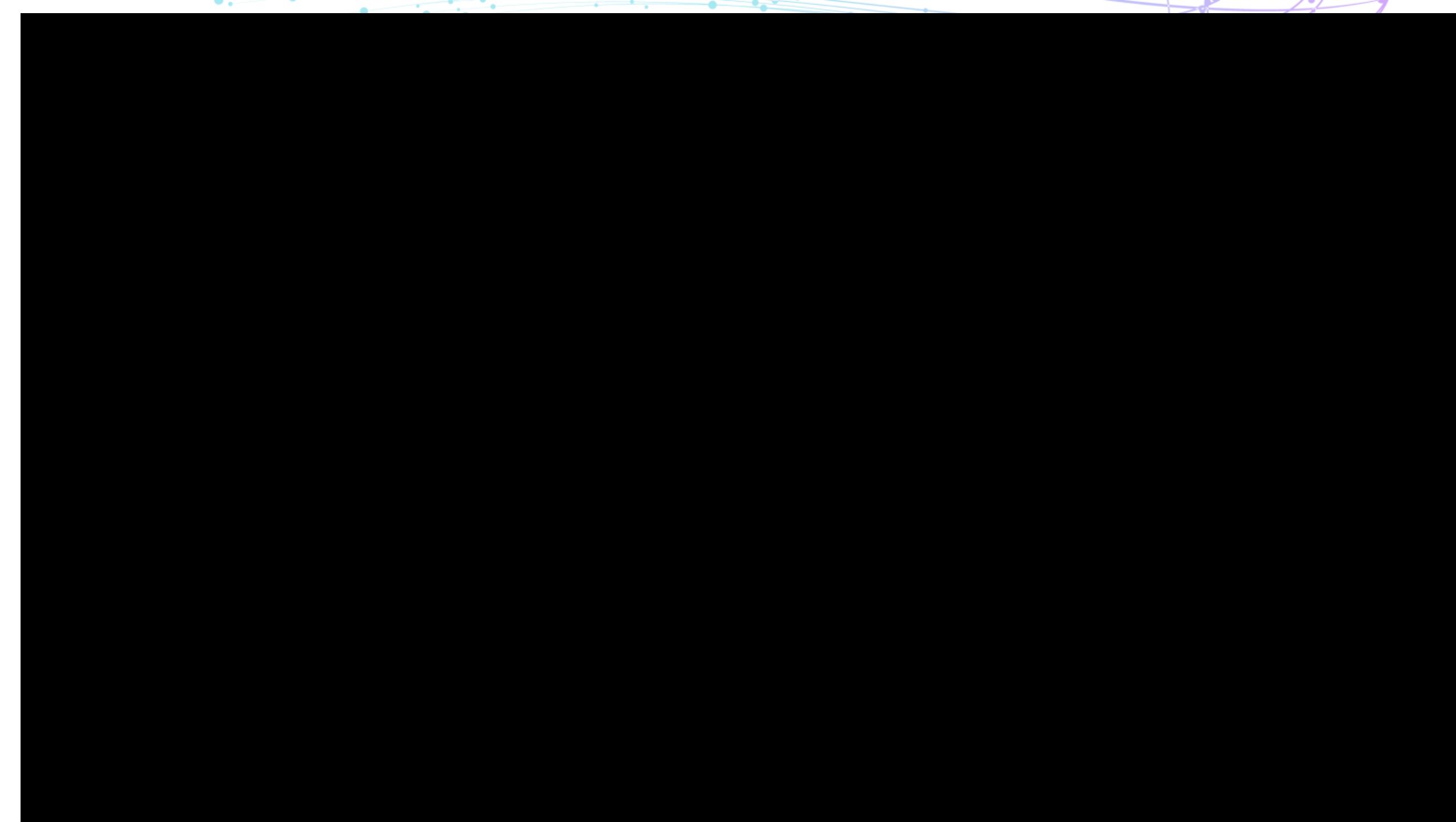
The stakes of deciding between an unsafe-yet-open internet and a safe but closed and surveilled SafetyNet are clear, but not what we expected.

New Wiggle Room

New Wiggle Room

Perfect information makes societies perfectly miserable – and the escape is multiple identities.

What is the ideal outcome of living in the New Wiggle Room world?



Quantum Leap

Quantum Leap

Quantum capabilities are available to some, and containing 'proliferation' is not a simple matter of carrots and sticks.

Although I know it's relatively unlikely, _____ is the scariest possibility in the Quantum Lead world.

Trust Us

Trust Us

The stakes of deciding between an unsafe-yet-open internet and a safe but closed and surveilled SafetyNet are clear, but not what we expected.

In the world of Trust Us,
_____ is the thing that will
keep me up at night.

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Part II: March Madness

A whole new take on bracketology

Today's activity



Polling results and discussion

- Are these results surprising?
- How do we address the most worrisome byproduct?
- How do we foster the environment for the most positive byproduct?

Q 1 results

Q 2 results

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Part III: Preliminary findings

Overarching Observations

- A nationalized discussion
- Disillusionment with cyber norms
- Keeping hold of the upside

Re-Framing the Landscape

1. The ‘golden mean’ of light-touch regulation and permission-less innovation will not endure, because it is not an effective route to improved digital security
2. Digital geopolitics is not simply another layer on conventional geopolitics. Alliances, trade relationships, and wars may be re-configured around digital as a primary driver.
3. Digitally-induced job displacement and inequality is more than a stressor. It is set to be a driver of fundamental breakdown in markets and states, and could be a primary cause of transnational realignments.
4. Platform firms are different. They can’t continue to free-ride on social order, and not just because of market power. It’s also an issue of managing truth and discourse. Competition policy and cybersecurity policy are converging.
5. The greatest security challenges are not about protecting networks and data from (sovereign and criminal) thieves. It is about protection from manipulation — the maintenance of data integrity and trust.

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Part IV: Applications of today's presentation

How to apply Cybersecurity 2025: When you leave today

- Go into the website (www.cyberfutures2025.org), watch the bonus video and engage with the tool
 - Provides us with data
 - Provides you with some time to think strategically
- Read the report
- Encourage your colleagues in other sessions to go to the website and engage with the tool
 - The more data the better!

How to apply Cybersecurity 2025: In the next 3 months

Hold a futures session with your leadership

- Show them the videos (www.cyberfutures2025.org) and present the report findings
- Provide the short report we will generate with the data that comes from this session (helps set priorities)
- Engage in discussion aimed at:
 - Preventing those outcomes that are most detrimental to your business
 - Investing in those outcomes that provide the best environment within which your business can succeed