

MINDSHARE

2025 10-11 SEP

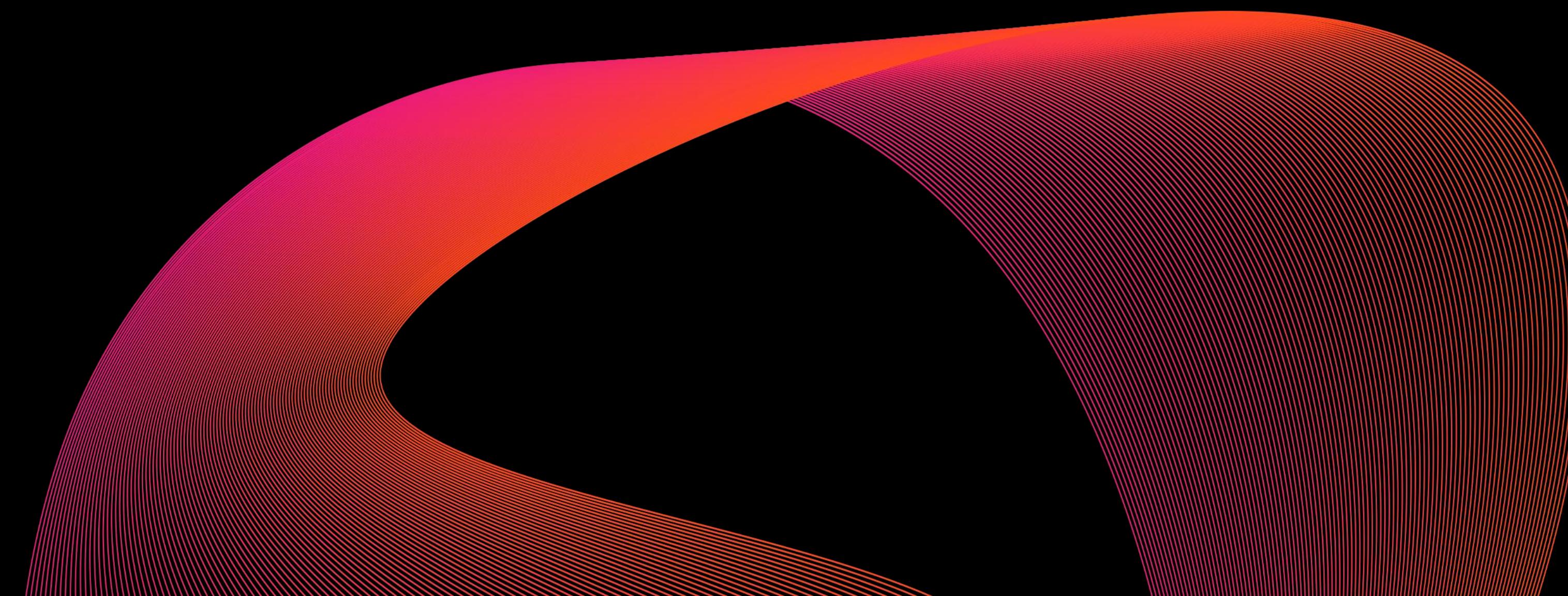
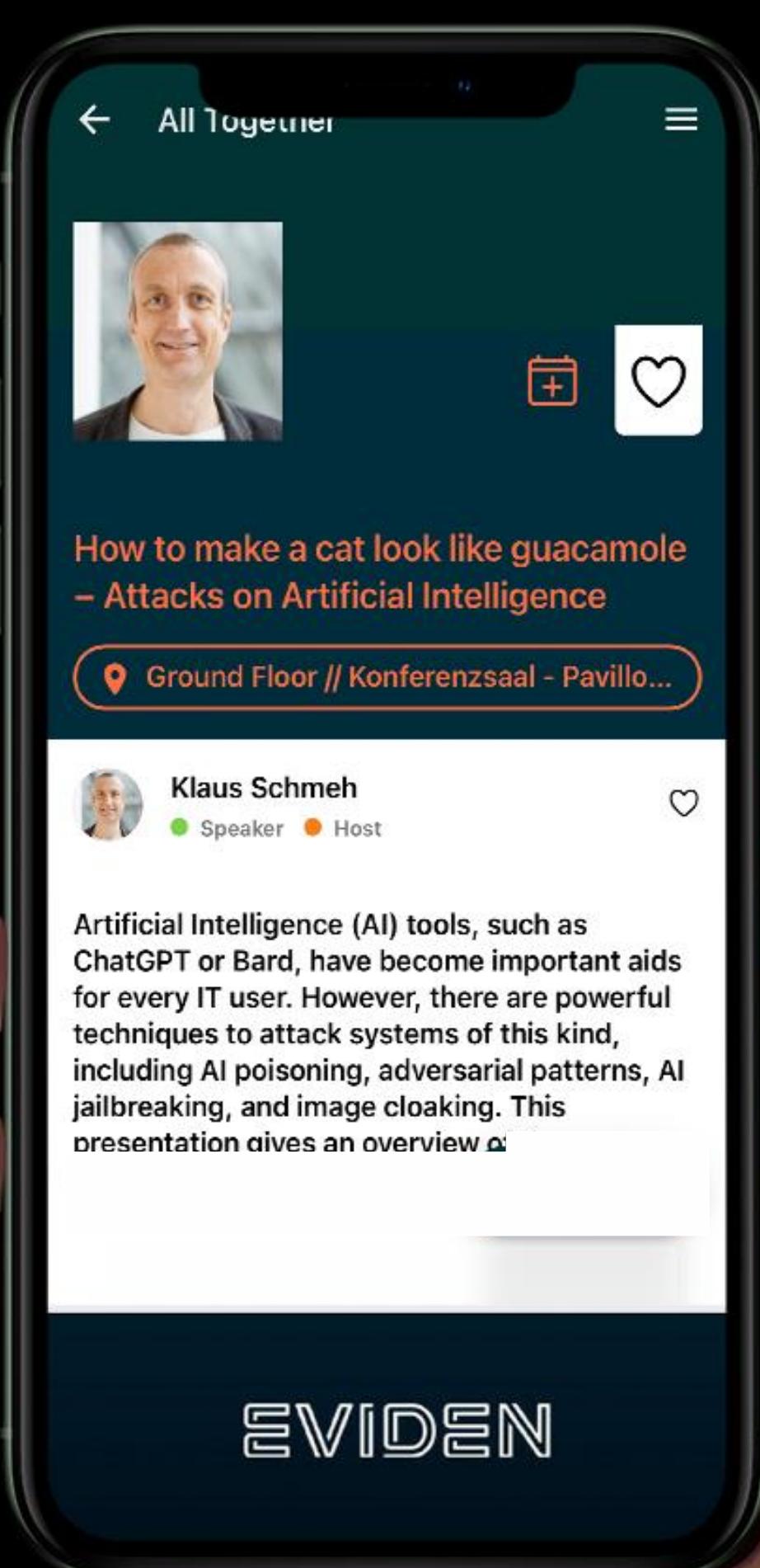
Securing
Identity for
our Digital
Future

CYBERSECURITY
LEADERSHIP FORUM

MINDSHARE AGENDA



GET APP



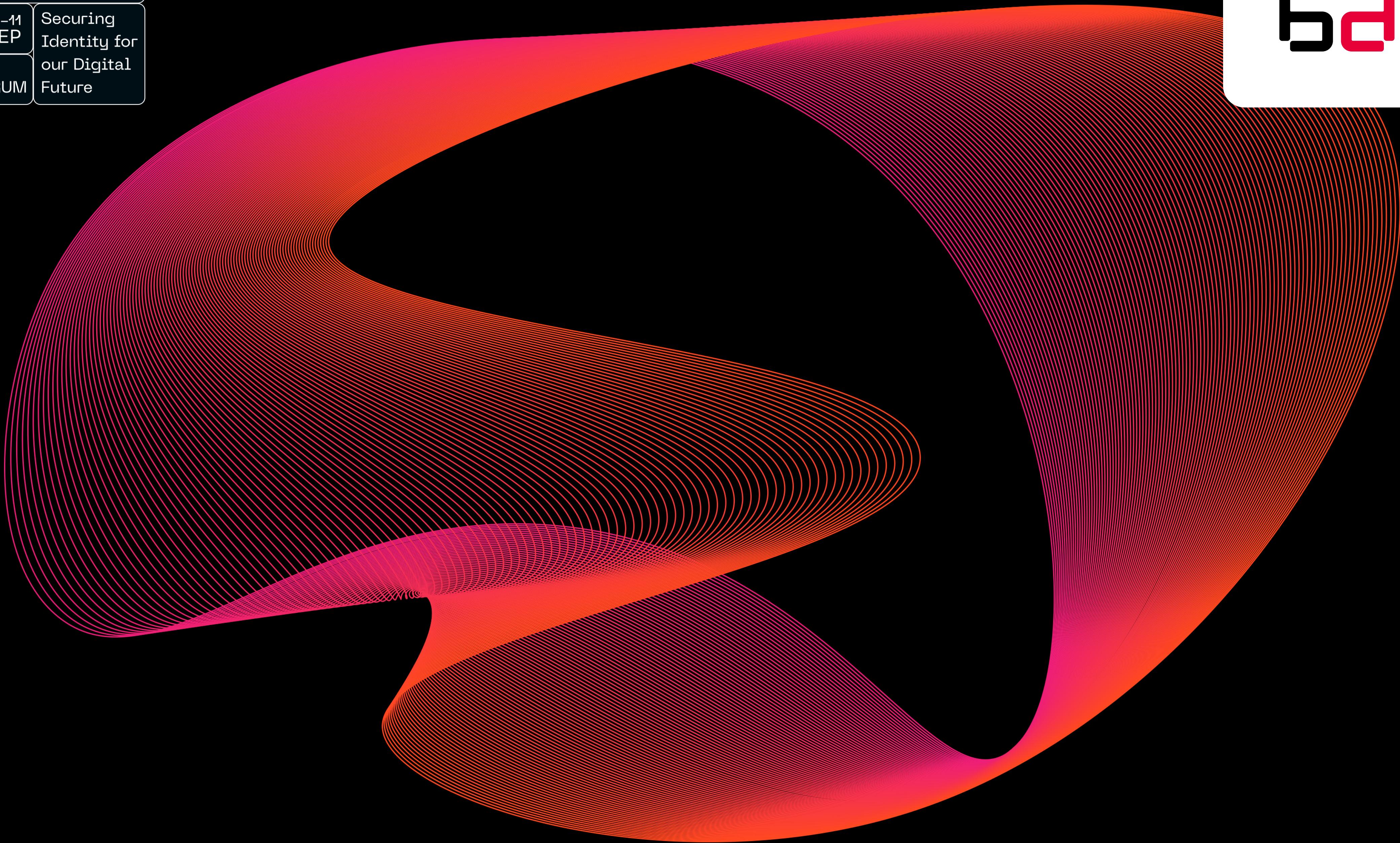
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Securing
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CYBERSECURITY
LEADERSHIP FORUM

bdr.





PQC

A management perspective

Dr. Kim Nguyen,
SVP Innovations,
Bundesdruckerei GmbH

Agenda

Drama (in 5 acts) and 5 different styles of paintings

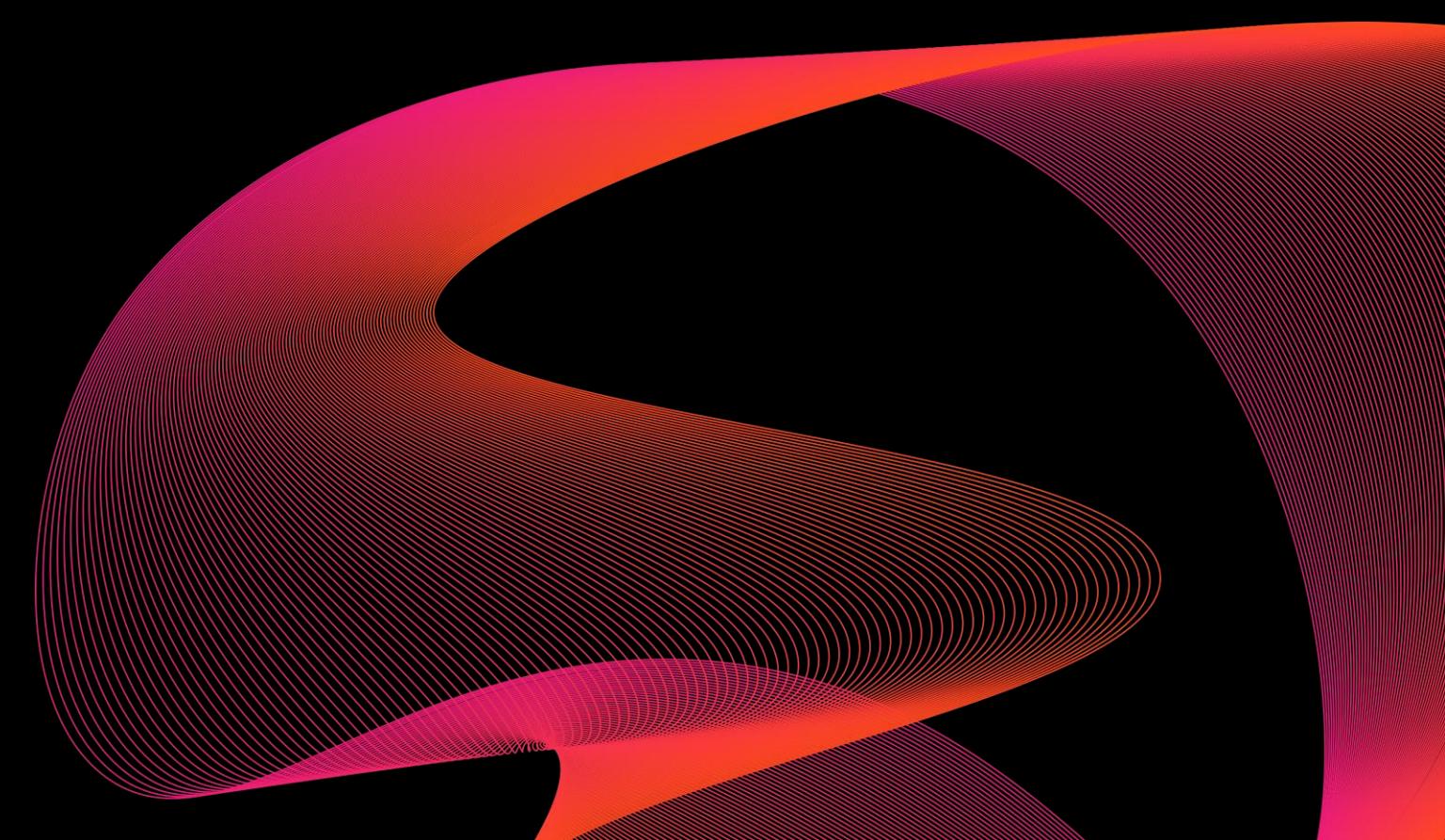
Act 1: (Exposition) Crypto omnipresence

Act 2: (Turning point) The threat of quantum computing

Act 3: (Rising action) The way forward - PQC & infrastructure

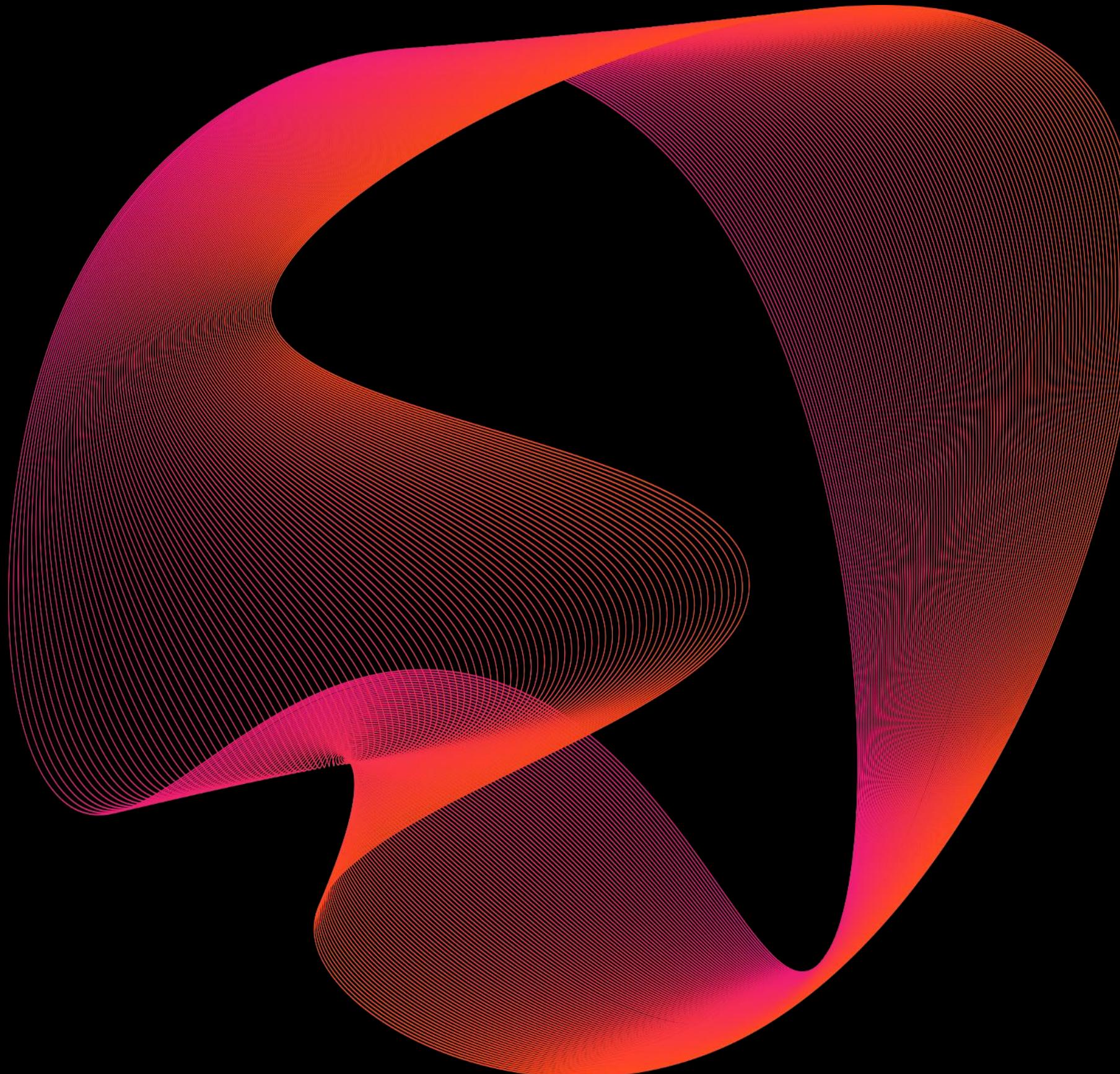
Act 4: (Falling action) Prepare for the collision

Act 5: (Catastrophy/Resolution) Conclusion



Act 1

Crypto omnipresence



Why crypto is
everywhere and
what this means...

Crypto omnipresence...

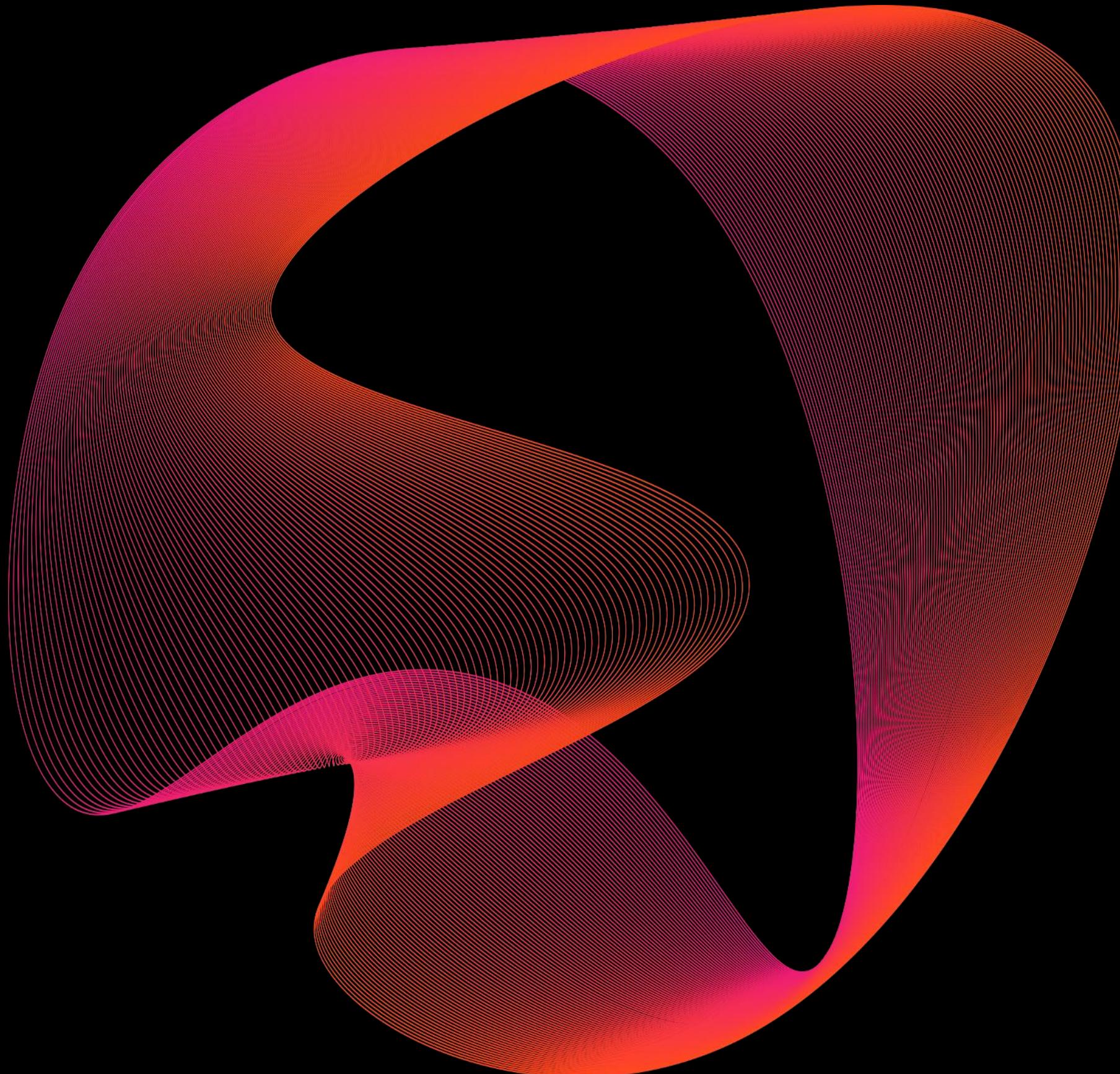


0101010
001101010
101010101
010101010
101011010
010101010
101010101

DH ECDH ECDSA

Act 2

The threat of quantum computing



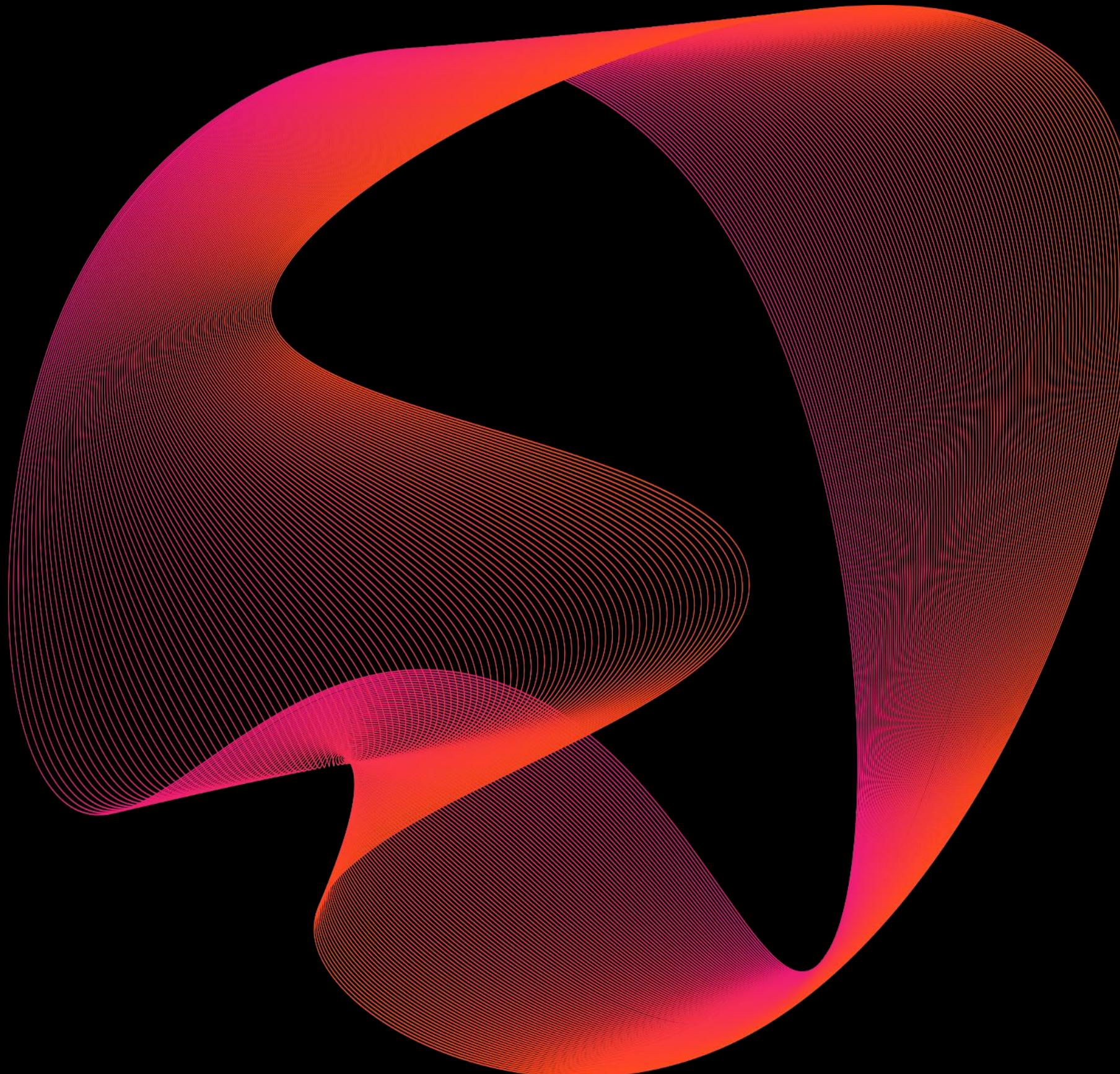
What Q day means
for all of us...
and why we
should all care

The threat of quantum...



Act 3

The way forward



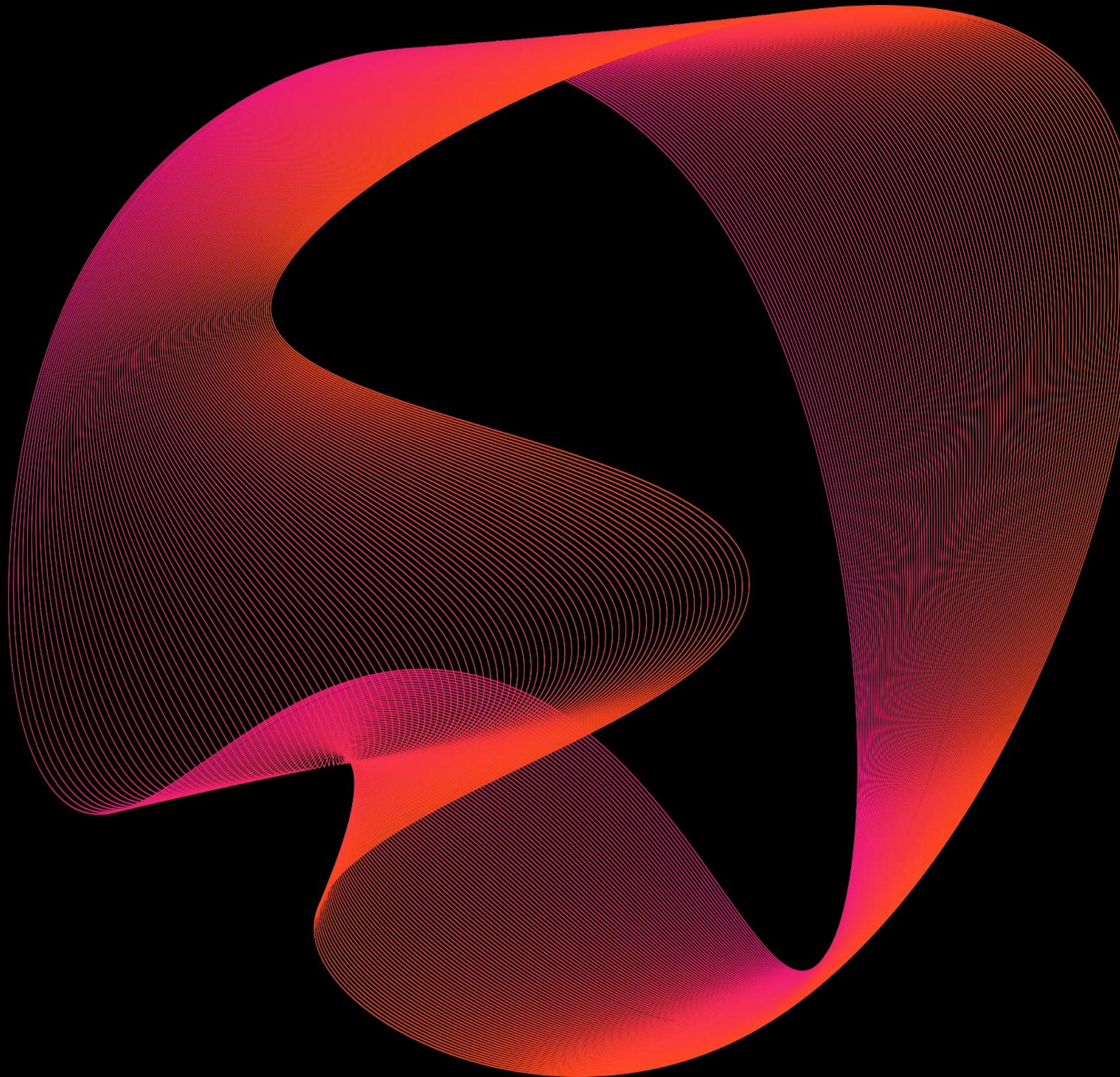
PQC as an alternative and the role of infrastructure in this...



The way
forward...

Act 4

Prepare for the collision



Brace for impact...

SA
ECC

Brace for impact...

ML-KEM
(Kyber)

ML-DSA
(Dilithium)

SLH-DSA
(SPHINCS+)

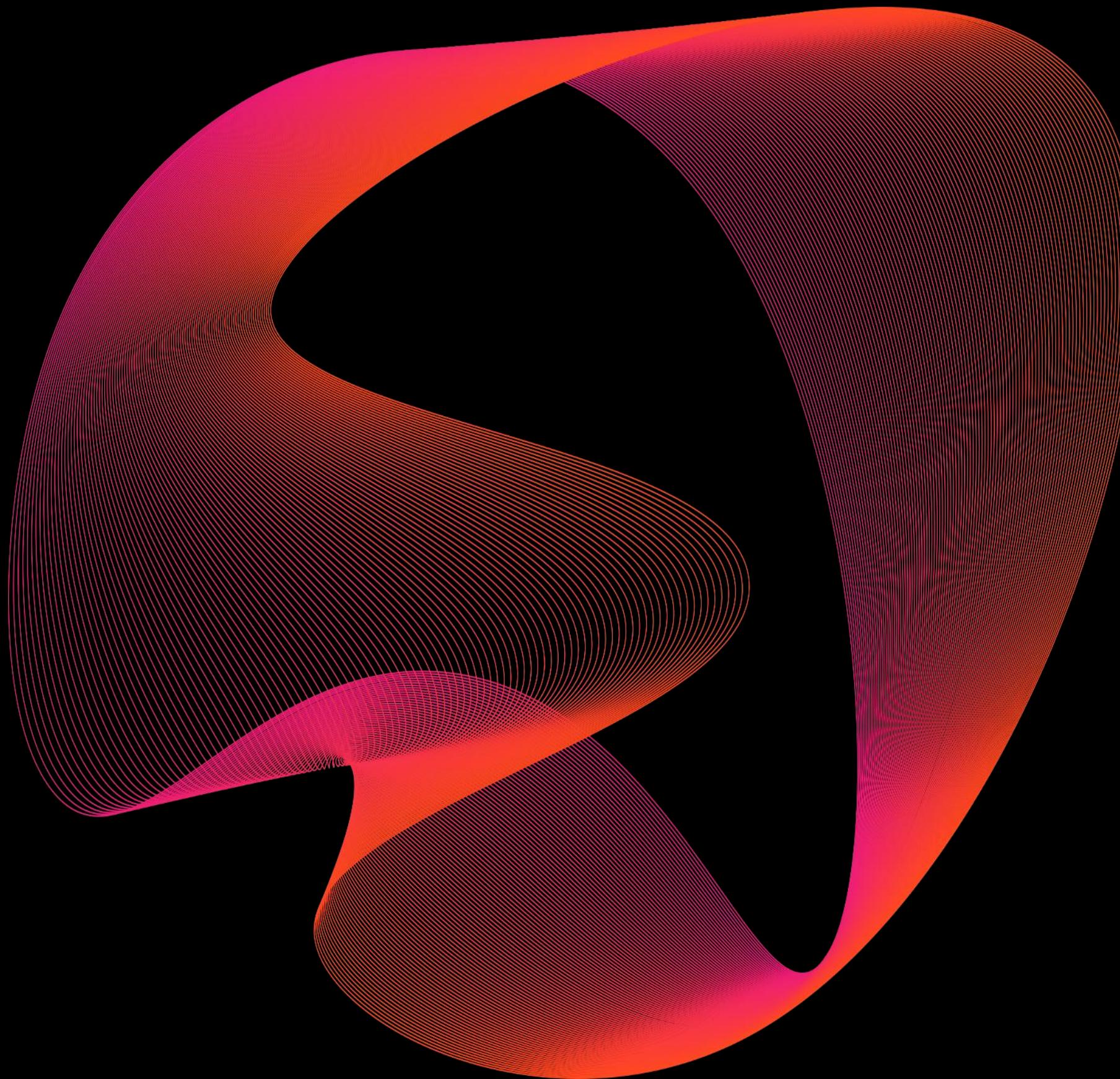
Classic
McEliece
HQC

PKI
(new
profiles)



Act 5

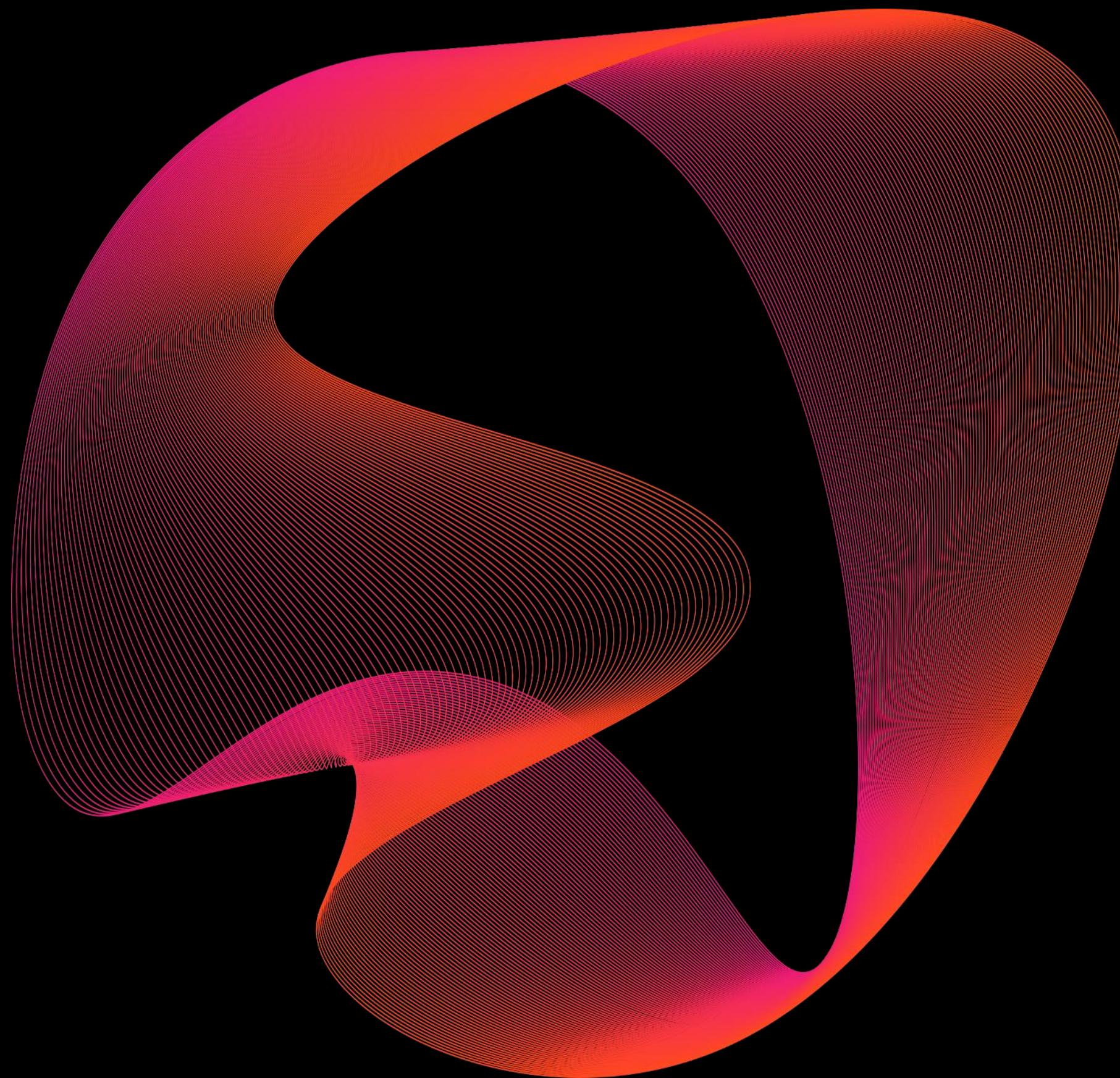
Outlook



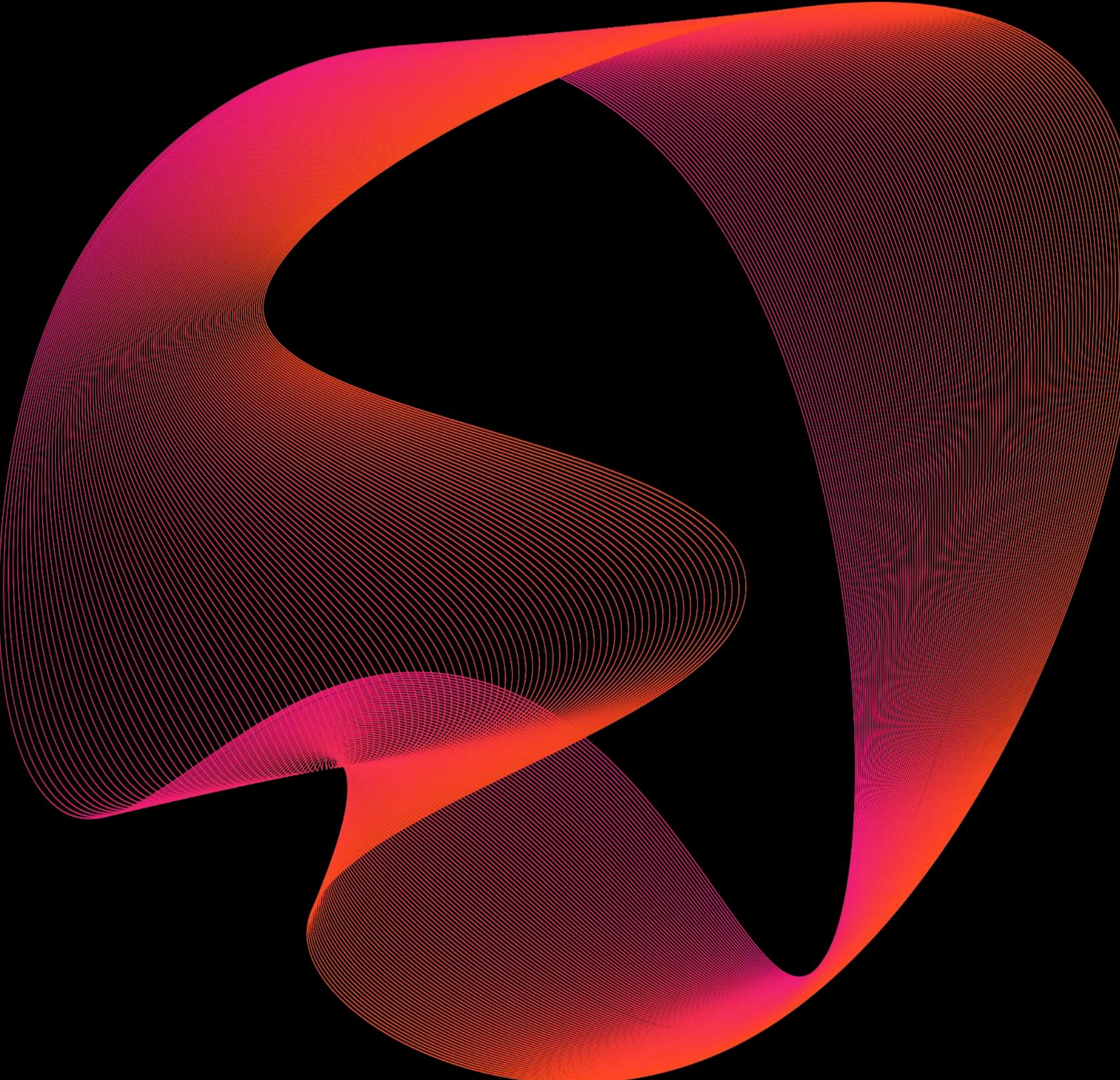


KEEP
CALM
AND
BE CRYPTO AGILE





Questions?



The end.

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Paintings in the style of...

Renaissance, Salvador Dali, Impressionism,
Cubism, 21st century design

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CYBERSECURITY
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TAKE A MINUTE AND GIVE US FEEDBACK

