

MINDSHARE

2025 10-11  
SEP

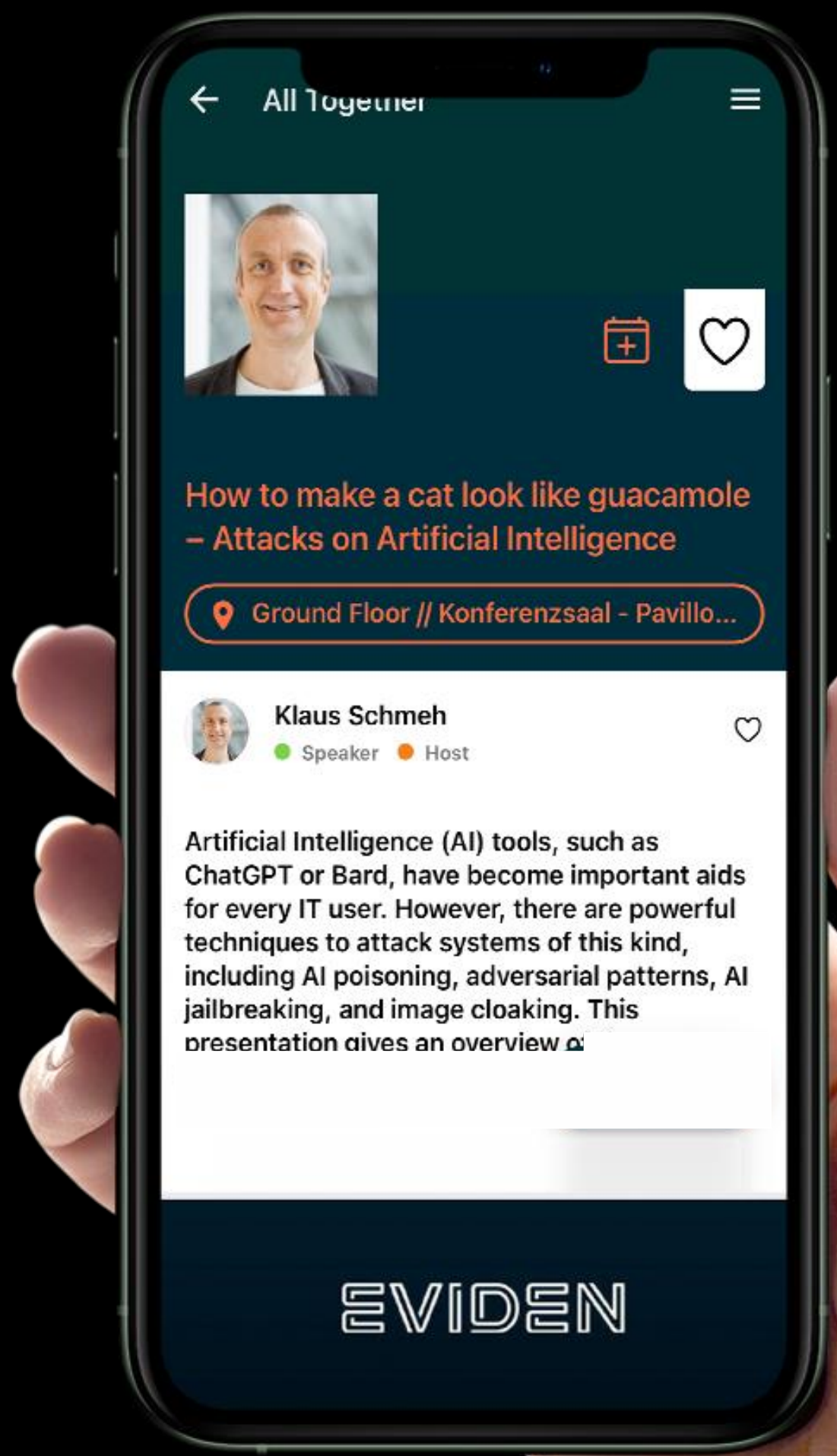
CYBERSECURITY  
LEADERSHIP FORUM

Securing  
Identity for  
our Digital  
Future

# MINDSHARE AGENDA



GET APP



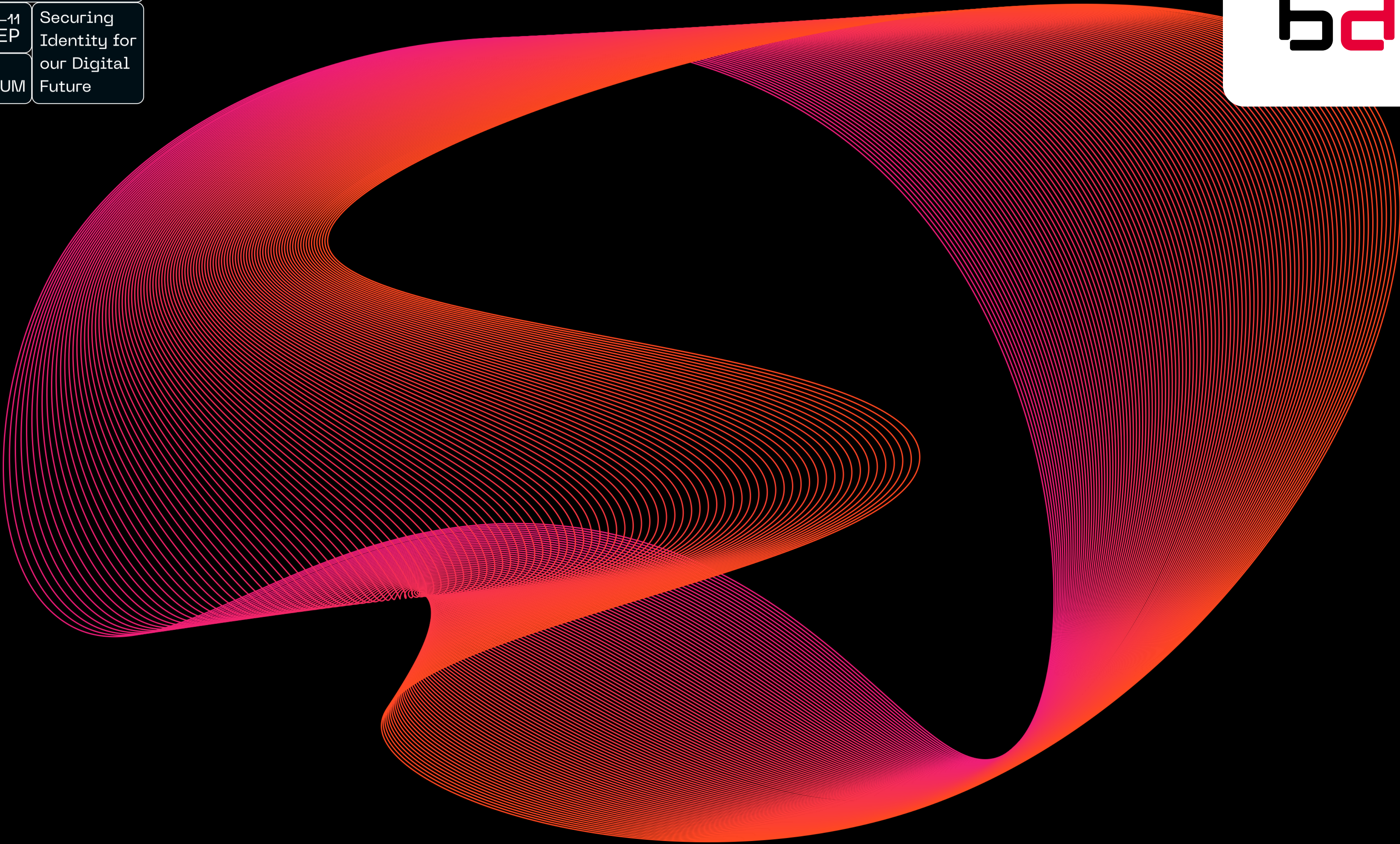


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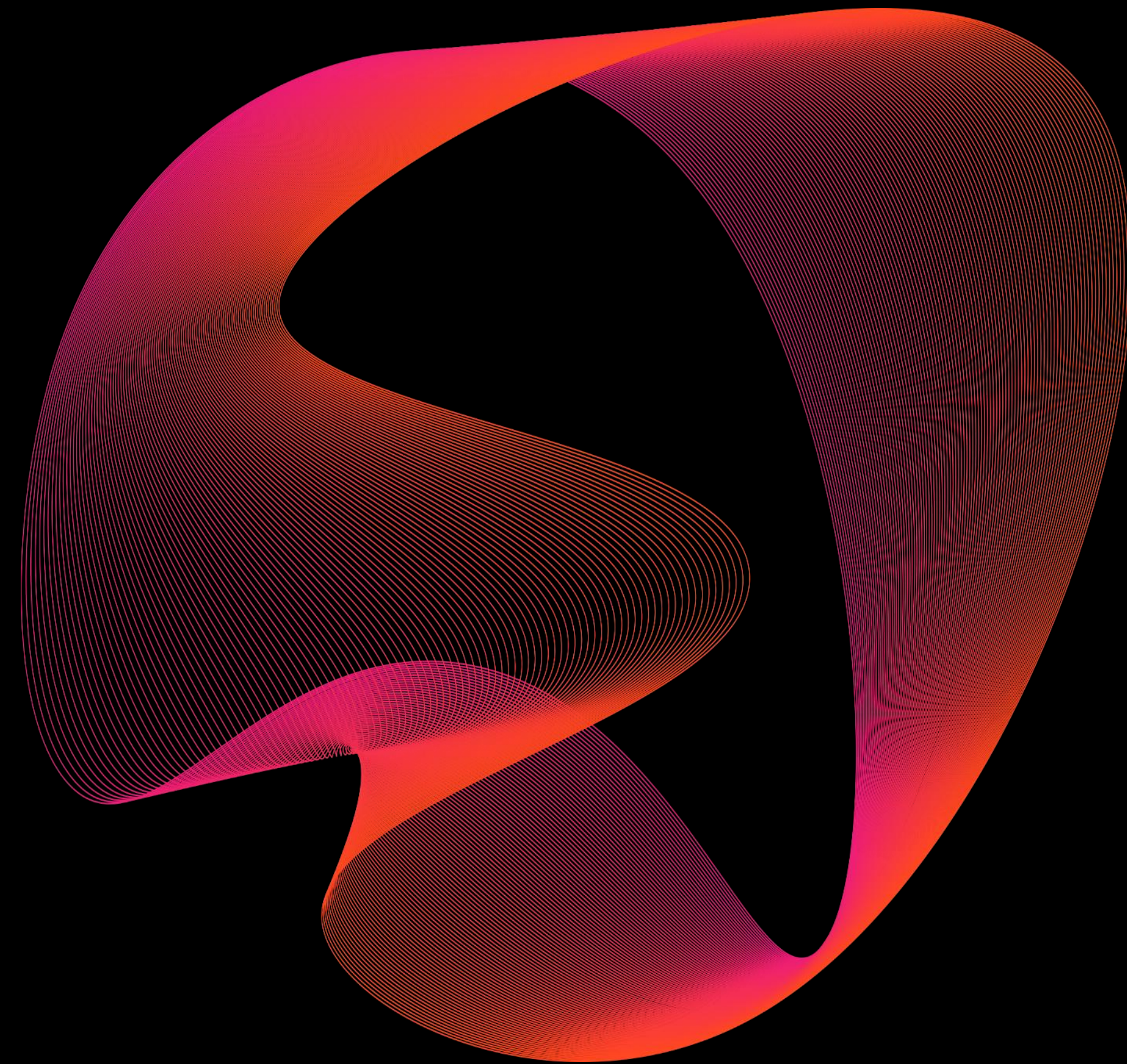
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CYBERSECURITY LEADERSHIP FORUM

Securing Identity for our Digital Future







# PQC

## A management perspective

Dr. Kim Nguyen,  
SVP Innovations,  
Bundesdruckerei GmbH



# Agenda

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

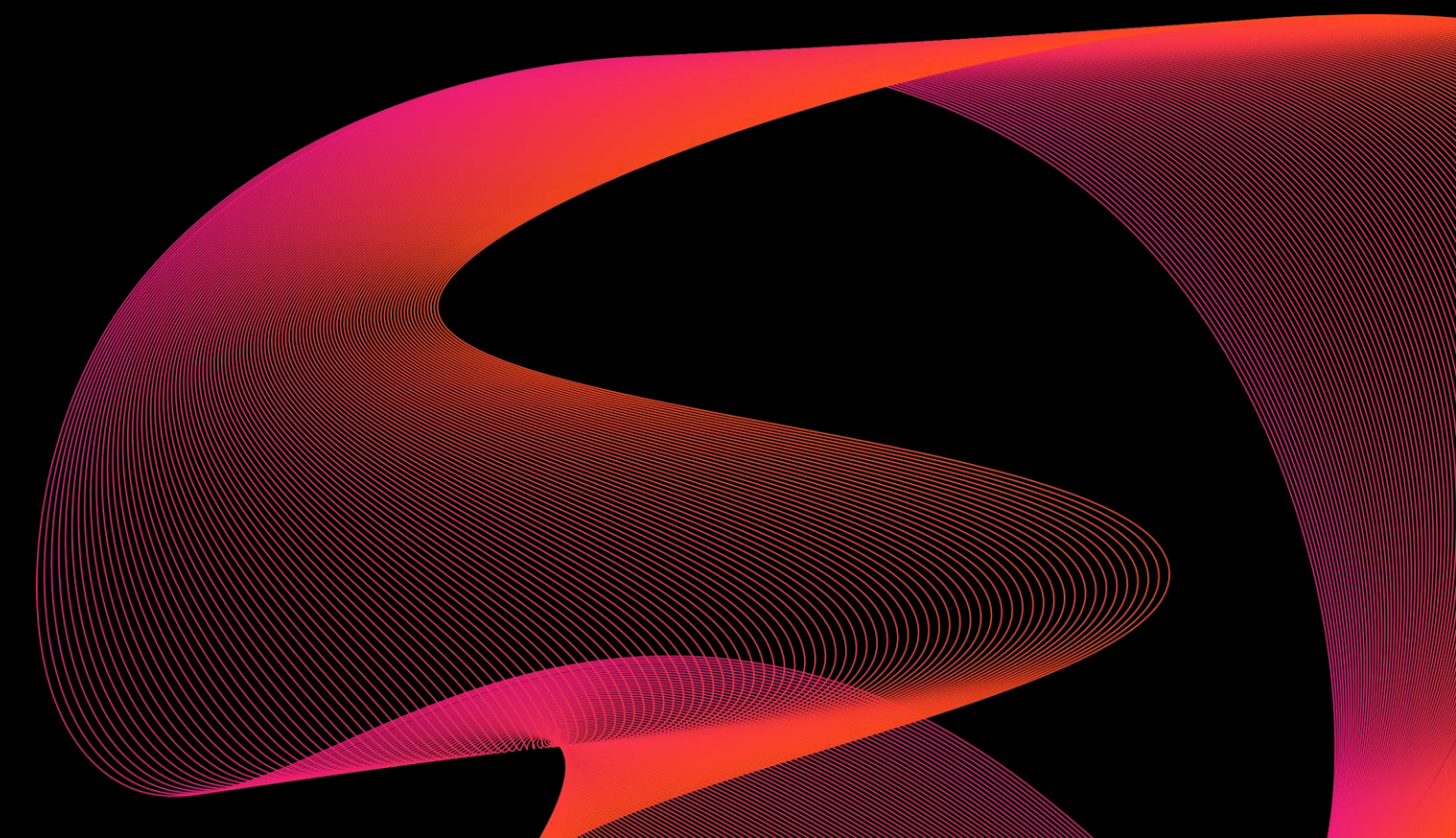
**Act 1:** (Exposition) Crypto omnipresence

**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

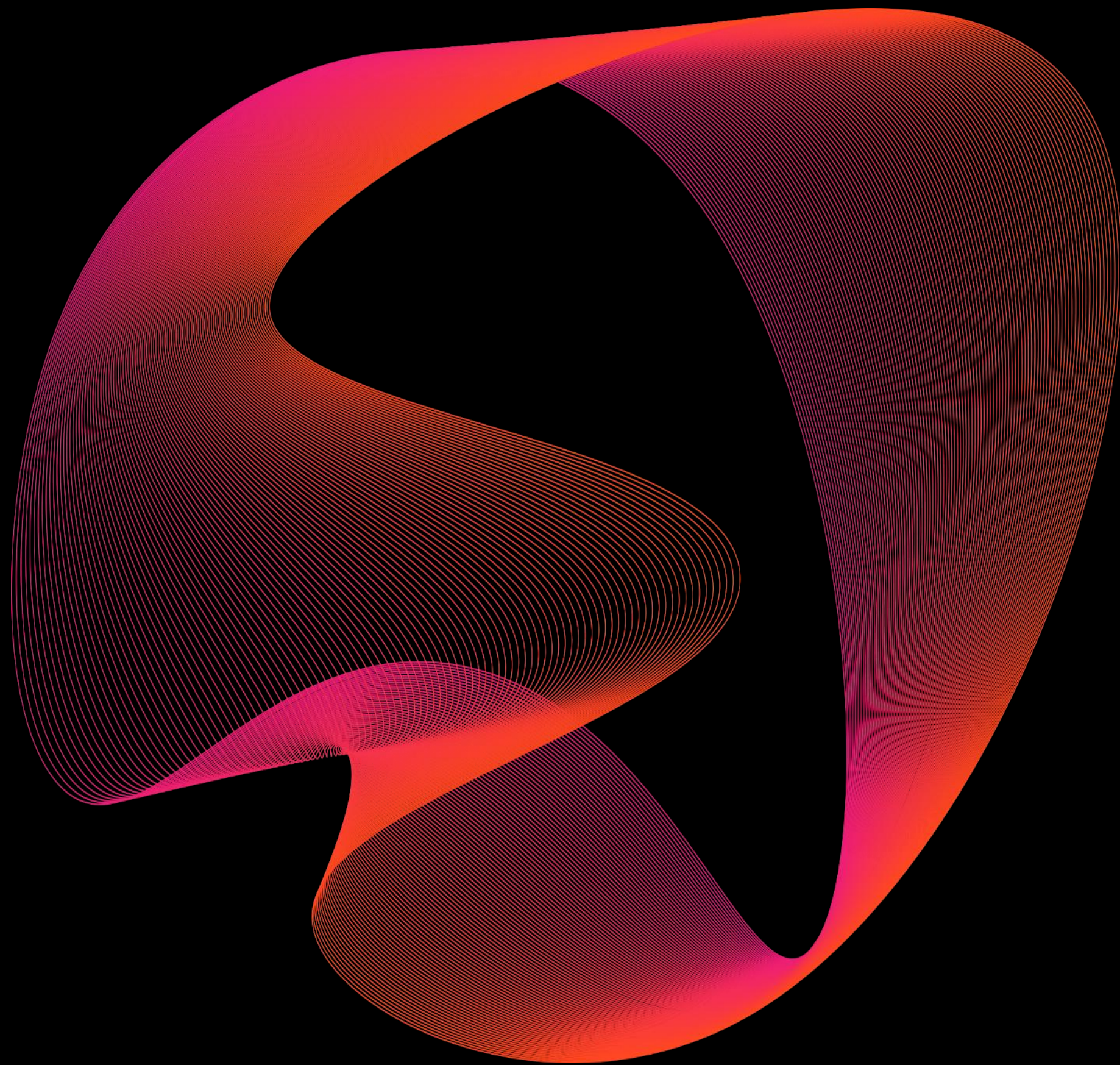
**Act 5:** (Catastrophy/Resolution) Conclusion





# Act 1

## Crypto omnipresence



**Why crypto is  
everywhere and  
what this means...**



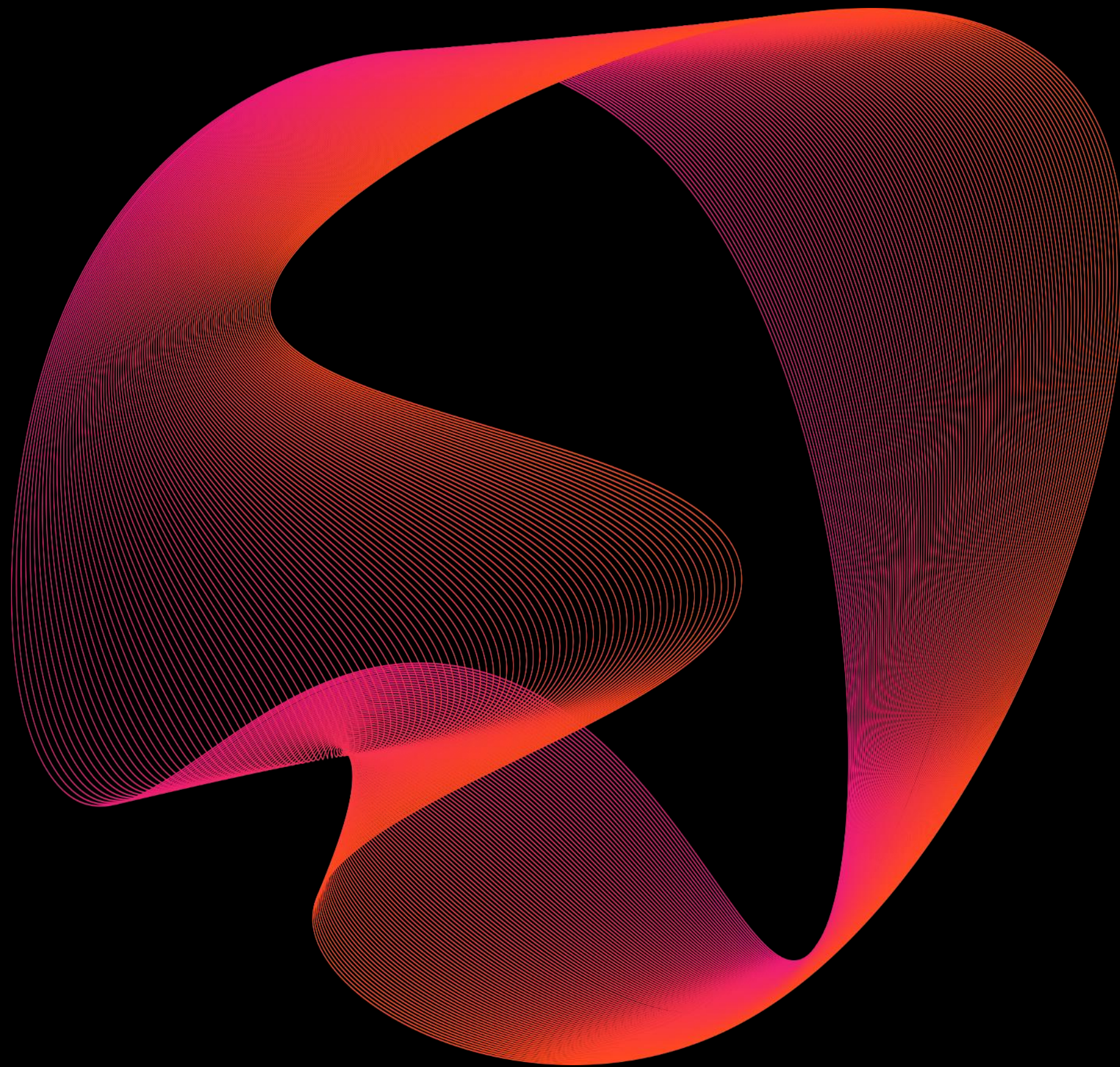


# Crypto omnipresence...



# Act 2

## The threat of quantum computing



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



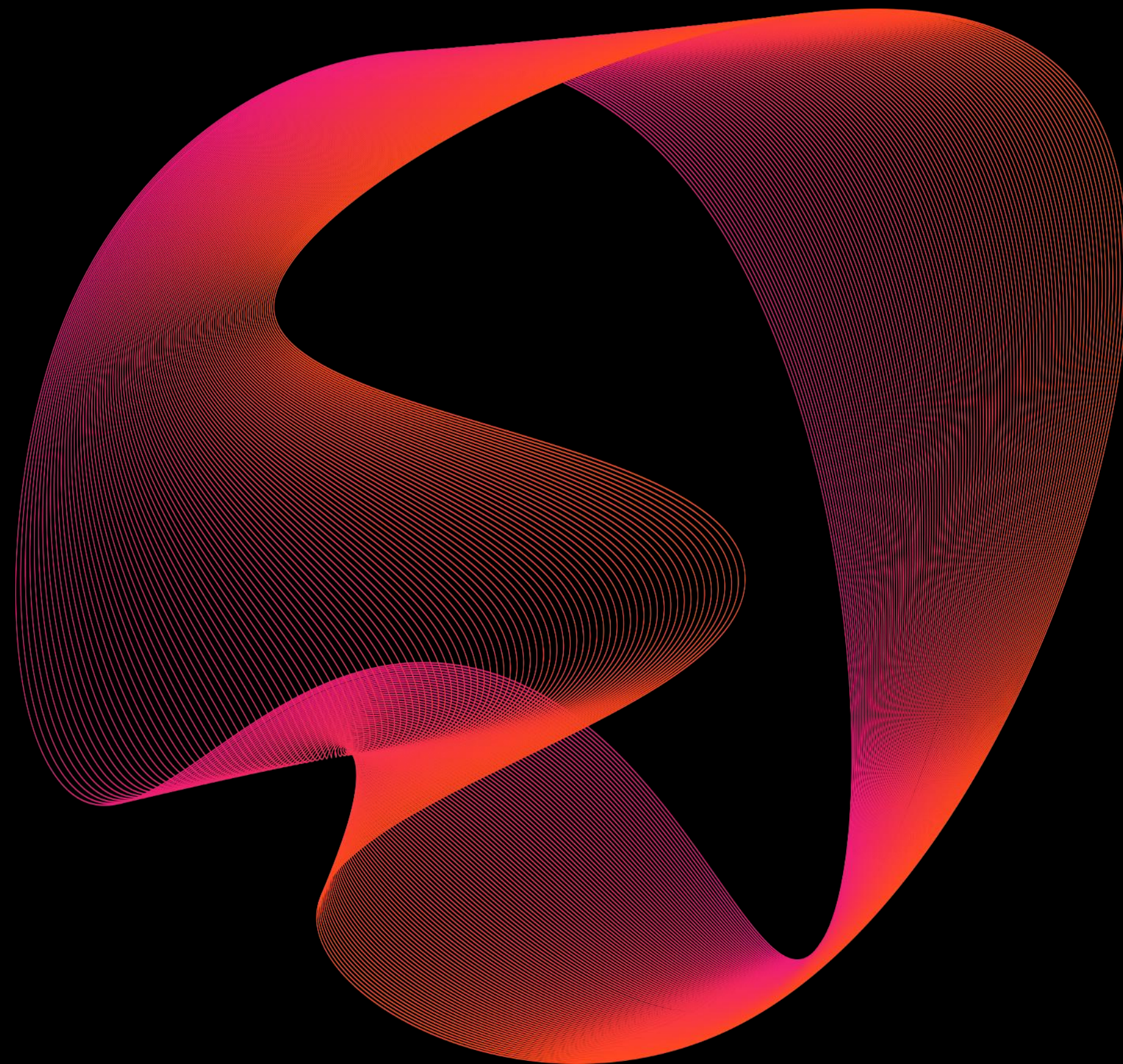


# The threat of quantum...



# Act 3

The way forward



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





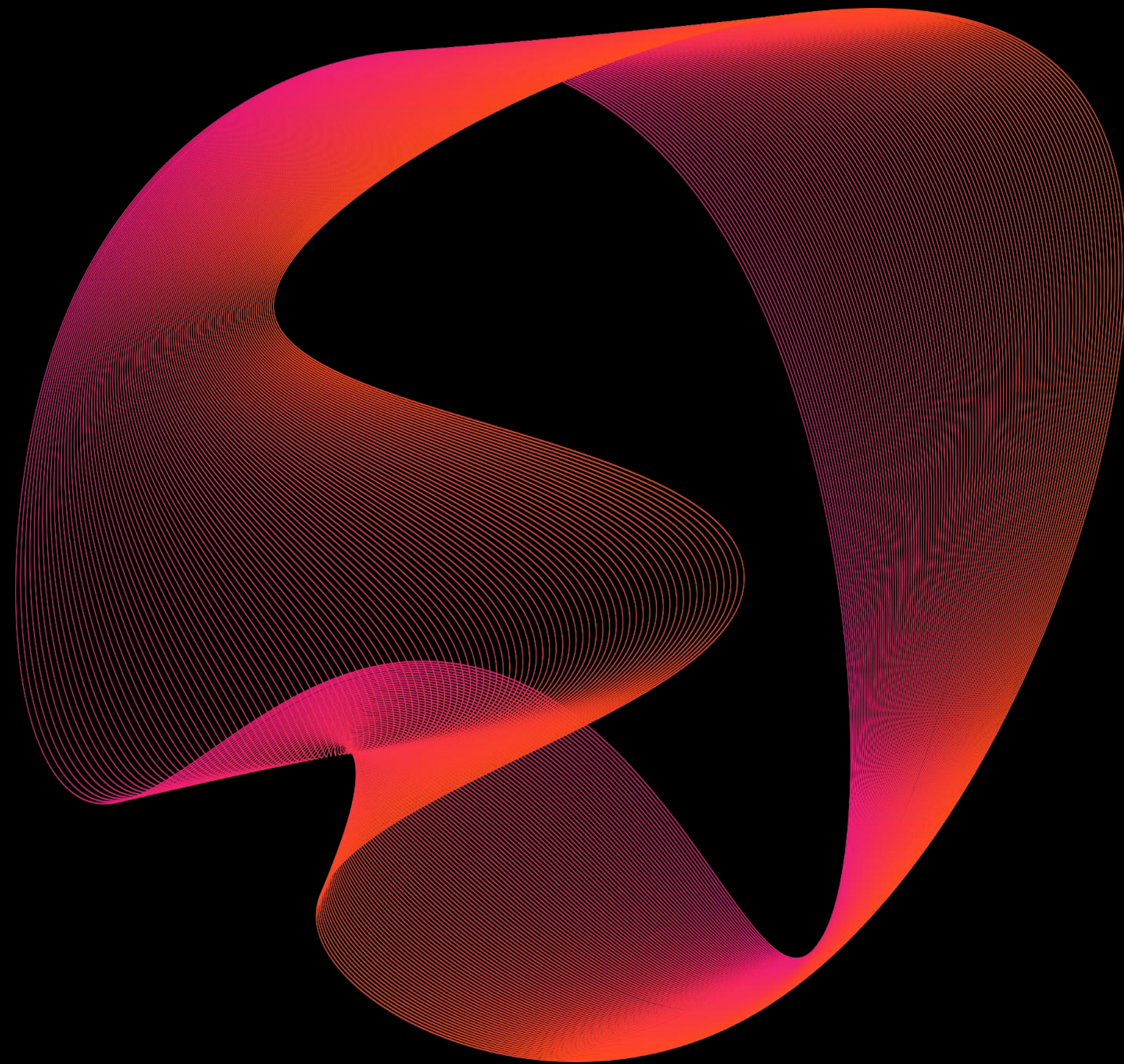
The way  
forward...



# Act 4

Prepare for the collision

Brace for impact...







PQC

ML-KEM  
(Kyber)

ML-DSA  
(Dilithium)

SLH-DSA  
(SPHINCS+)

Classic  
McEliece

HQC

PKI  
(new  
profiles)

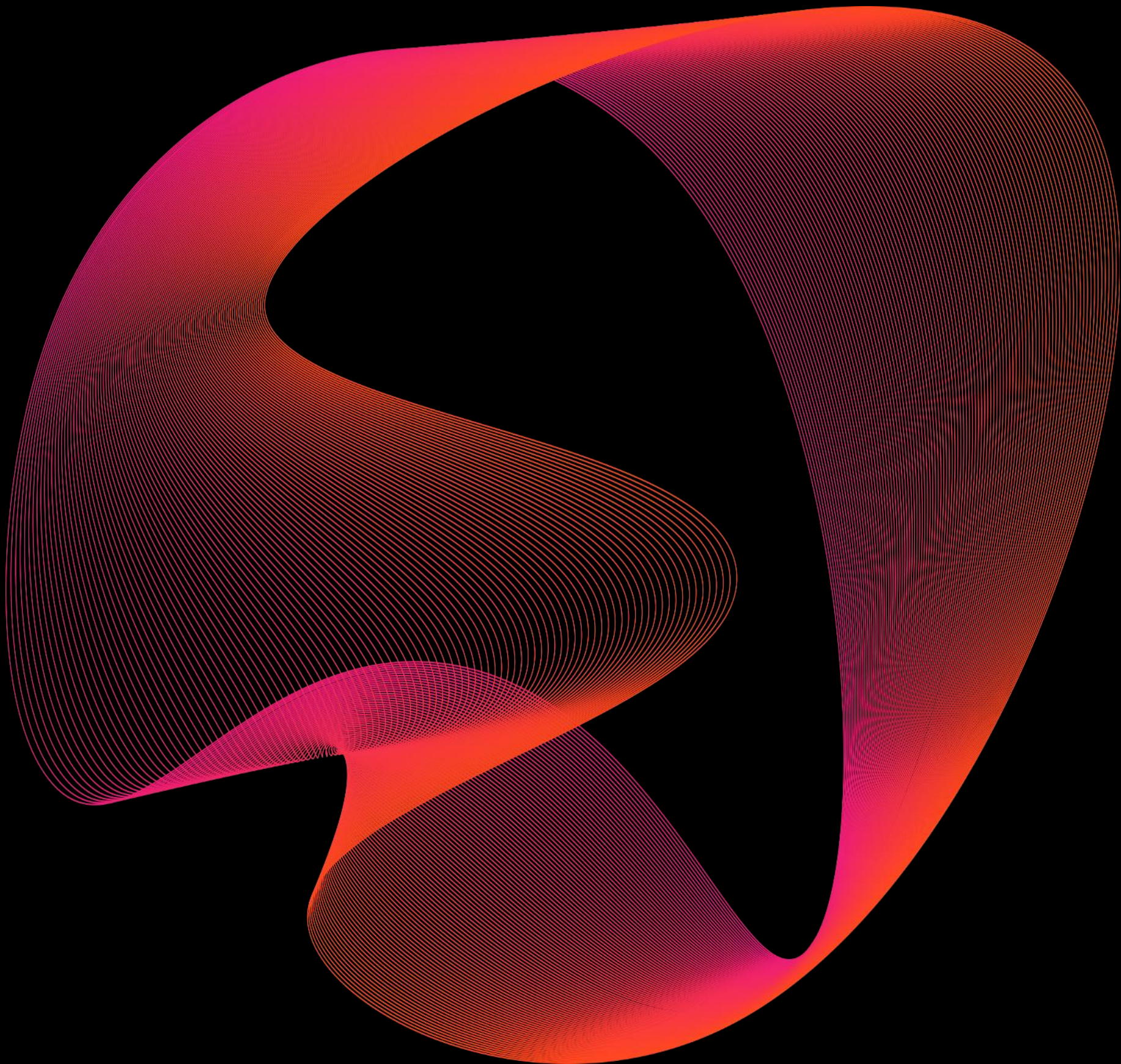
SA  
ECC

Brace for impact...



# Act 5

# Outlook



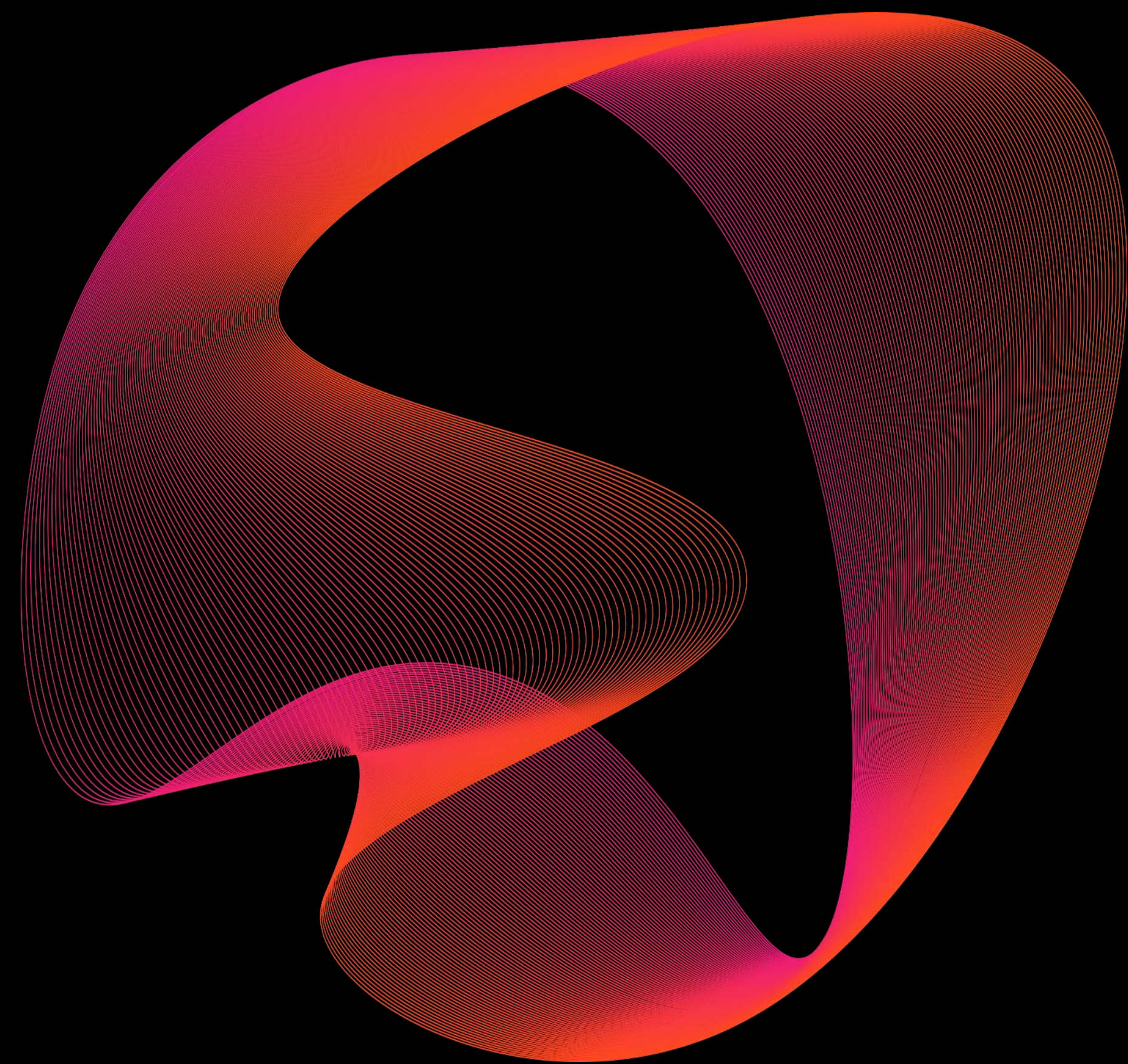




KEEP  
CALM  
AND  
BE CRYPTO AGILE







# Questions?



# The end.

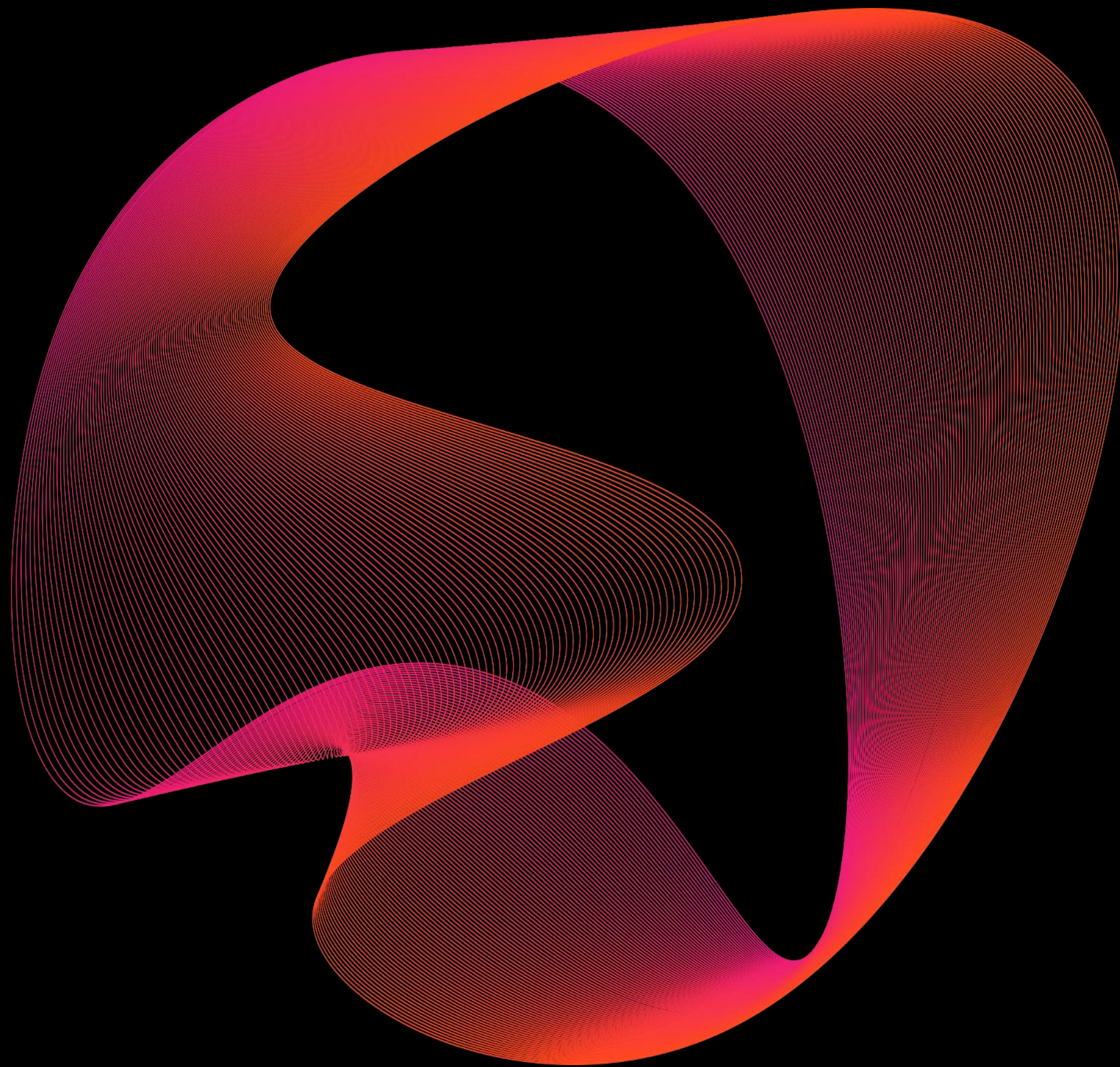
## Contact:

Dr. Kim Nguyen

SVP Innovations, Bundesdruckerei GmbH  
[kim.nguyen@bundesdruckerei.de](mailto:kim.nguyen@bundesdruckerei.de)

Paintings in the style of...

Renaissance, Salvador Dali, Impressionism,  
Cubism, 21<sup>st</sup> century design





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# TAKE A MINUTE AND GIVE US FEEDBACK

