Girls, if a guy remembers your birthday, knows what you enjoy, saves your pictures, understands your family and friends. This guy is not your man. This guy is Mark Zuckerberg.
Machines can now allegedly identify anger, fear, disgust and sadness. ‘Emotion detection’ has grown from a research project to a $20bn industry.
Deep fake
At Least 70 Countries have had Disinformation Campaigns
Almost entire population of Ecuador had data leaked!

"Once data has been exposed to the world, it can't be undone,"
I am always watched

Your face: a $20bn industry

Monitors display a video showing facial recognition software in use at the headquarters of the artificial intelligence company Megvii, in Beijing. Photograph: New York Times/eyevine
I feel threatened by machines

Drones make War and Peace
I like my phone

Who does not use a smartphone?
My phone is my DNA

Accelometer
Gyroscope
Magnetometer
Barometer
Proximity
Light sensor
Touch screen
GPS
WiFi
Bluetooth
GSM/CDMA Cell
NFC: Near Field
Camera (front)
Camera (back)

14 sensors!
I am always connected
AI monitors my health

Medical wearables: will your doctor soon prescribe a fit bit?
I am being profiled
Artificial intelligence
Whole discipline
Including developments
totally speculative

Machine learning
Represents a given environment
by statistical techniques

Deep learning
Machine Learning Category,
based on multiple levels of
neural networks
Where do we meet AI?
Global AI market in billion euros

- 2018: 8.7 billion euros
- 2020: 17.4 billion euros
- 2022: 40.6 billion euros
- 2025: 92.8 billion euros

Source: Tractica

Where are we going?
Artificial intelligence, quantum computing, 5G and the rise of the Internet of Things are just some of the emerging technologies that could aid cybercriminals in ways that could make them more dangerous than ever – and law enforcement must innovate quickly in order to help keep citizens safe.
What is at risk?

✓ Right to private and family life

✓ Freedom of Expression

✓ Right to participate in democratic processes, such as elections, free from undue influences
Develop a legal framework for the development, design and application of artificial intelligence (CAHAI)
5 principles

✓ Principle of *respect of fundamental rights*
✓ Principle of *non-discrimination*
✓ Principle of *quality and security*
✓ Principle of *transparency, neutrality and intellectual integrity*
✓ Principle *“under user control”*
This study, entitled "Discrimination, Artificial Intelligence and Algorithmic Decision Making", prepared by Professor Frederik Zuiderveen Borgesius for the Council of Europe Anti-Discrimination Department, addresses the risks of discrimination caused by algorithmic decision-making and other types of artificial intelligence.
Data Protection

CURRENT FOCUS

Promote Guidelines on Artificial Intelligence and data protection

Ensure ratification of the amending protocol of Convention 108 +

NEW PRIORITIES

Set guidelines on safeguarding privacy in the fields of:

- facial recognition
- national education systems
- abuse of electoral data
- profiling
**CURRENT FOCUS**

Promote guidance
Note on **mobile devices**

**NEW PRIORITIES**

Promote guidance
Note on **election interference**

Adopt the second additional protocol to the Budapest Convention on **access to electronic evidence in the cloud**

Enhance the mechanism for **international mutual legal assistance**

**Cybercrime**
CURRENT FOCUS

NEW PRIORITIES

Enhance the cooperation framework with business partners

Address the business models of large online platforms from the anti-trust and competition law point of view

Develop legal frameworks for the design and development of AI tools (ethics by design)

Promote balanced legislative frameworks for combatting illegal online content

Launch the Digital Governance Strategy 2020-2023
New Media

Challenges Ahead

- Social media distribution of news
- Growing information disorder
- Weak regulation in the field

New Priorities

- Help users value and use quality media content
- Guide public participation in content creation
- Stimulate users engagement with hate speech online
New forms of public debate on the rapid advancement in science and technology

Preventing discrimination caused by the use of artificial intelligence

Need of democratic governance of AI

The role of AI in policing and criminal justice systems

The human being-machine connection: the rights or new threats to fundamental freedoms?
To examine, on the basis of broad multi-stakeholder consultations, the feasibility and potential elements of a legal framework for the development, design and application of artificial intelligence, based on Council of Europe standards in the field of human rights, democracy and the rule of law.
Future outlook

CHALLENGES AHEAD

➢ How to efficiently regulate Artificial Intelligence?
➢ Cooperation with business involved in AI development in protecting and ensuring human rights
➢ How to integrate privacy and data protection in law enforcement in a balanced manner
➢ Law enforcement needs to be innovative and act now in order to keep face with near future criminal threats

NEW PRIORITIES