Robot Law

1. Presentation of the report on civil law rule on robotics
2. Liability: do we need a new legal framework?

Presentation by Mady Delvaux-Stehres

*Member of the European Parliament*
ET PAS UN QUI MANGE PAREIL!

Cantine
Parlement Européen

1 Steak Frites
1 canard orange
1 daube boeuf
1 salade composée
1 poulet Colombo
1 lapin Chasseur
1 couscous
1 Pizza Royale
1 Sole
Concerns

- Robots serve humans
- Fears and expectations
- Societal changes
The European Parliament,

- having regard to Article 225 of the Treaty on the Functioning of the European Union,
- having regard to Council Directive 85/374/EEC¹,
- having regard to the study on Ethical Aspects of Cyber-Physical Systems carried out on behalf of the Parliament’s Science and Technology Options Assessment (STOA) Panel and managed by the Scientific Foresight Unit (STOA), European Parliamentary Research Service;
- having regard to Rules 46 and 52 of its Rules of Procedure,
- having regard to the report of the Committee on Legal Affairs and the opinions of the Committee on Transport and Tourism, the Committee on Civil Liberties, Justice and Home Affairs, the Committee on Employment and Social Affairs, the Committee on the Environment, Public Health and Food Safety, the Committee on Industry, Research and Energy and the Committee on the Internal Market and Consumer Protection (A8-0005/2017),

Introduction
EU against USA and China

Source: www.counter-currents.com
Potential versus Challenges
Cyberhacking

"The toaster has been hacked into thinking it's a blender."
Data protection

“IT appears your big data is getting lost in your ginormous data.”
Ethical principles

• Reliability
• Transparency
• Accountability
• Fairness
Jobs & Skills

I'm looking for something really dull and repetitive.

YOU KNOW WHEN I WAS A KID, I REALLY THOUGHT WE'D HAVE FLYING ROBOT MAIDS BY NOW.

YOU'VE DONE A GOOD JOB FOR THE COMPANY, ROGER, BUT WE JUST NEED SOMEONE WHO'S A LITTLE LESS ... ANALOG.

UNEMPLOYMENT LINE #12
EU Agency

Outcome of the public consultation launched by EPRS (European Parliamentary Research Service) in 2017

(3) VERY LARGE MAJORITY PREFERENCES SUPRA-NATIONAL REGULATION

Generally speaking, do you think it is necessary to regulate developments in the robotics and AI area?

- 96%: At least very soon at EU level. Of course it is also necessary at international level, but it will take more time and the moral standards will be lower.
  - Bulgarian, male (25-39 yr)

- 4%: As AI has no residency or nationality, question can't be solved using pure national or EU law, it's a supra national issue
  - French, female (15-24 yr)

- EU level regulations will be the most effective way to standardize robotics at an international level.
  - Italian, male (25-39 yr)

- Chaque peuple doit pouvoir souverainement choisir ce qui est éthiquement bon pour lui. En légitimant de manière centrale, l'Europe outrepasse les droits que lui ont conçu ces peuples.
  - French, female (40-54 yr)
Liability: do we need a new legal framework?

Product liability directive
• Limitation in the current framework
• Definition of defectiveness
• Is an algorithm a product
Liability: do we need a new legal framework?

Product liability directive new risks

a) Software failure
b) Network failure
c) Hacking
d) Programming choice
Liability: do we need a new legal framework?

Liability – further options

a) Obligatory insurance
b) E-personality
Superhumans