

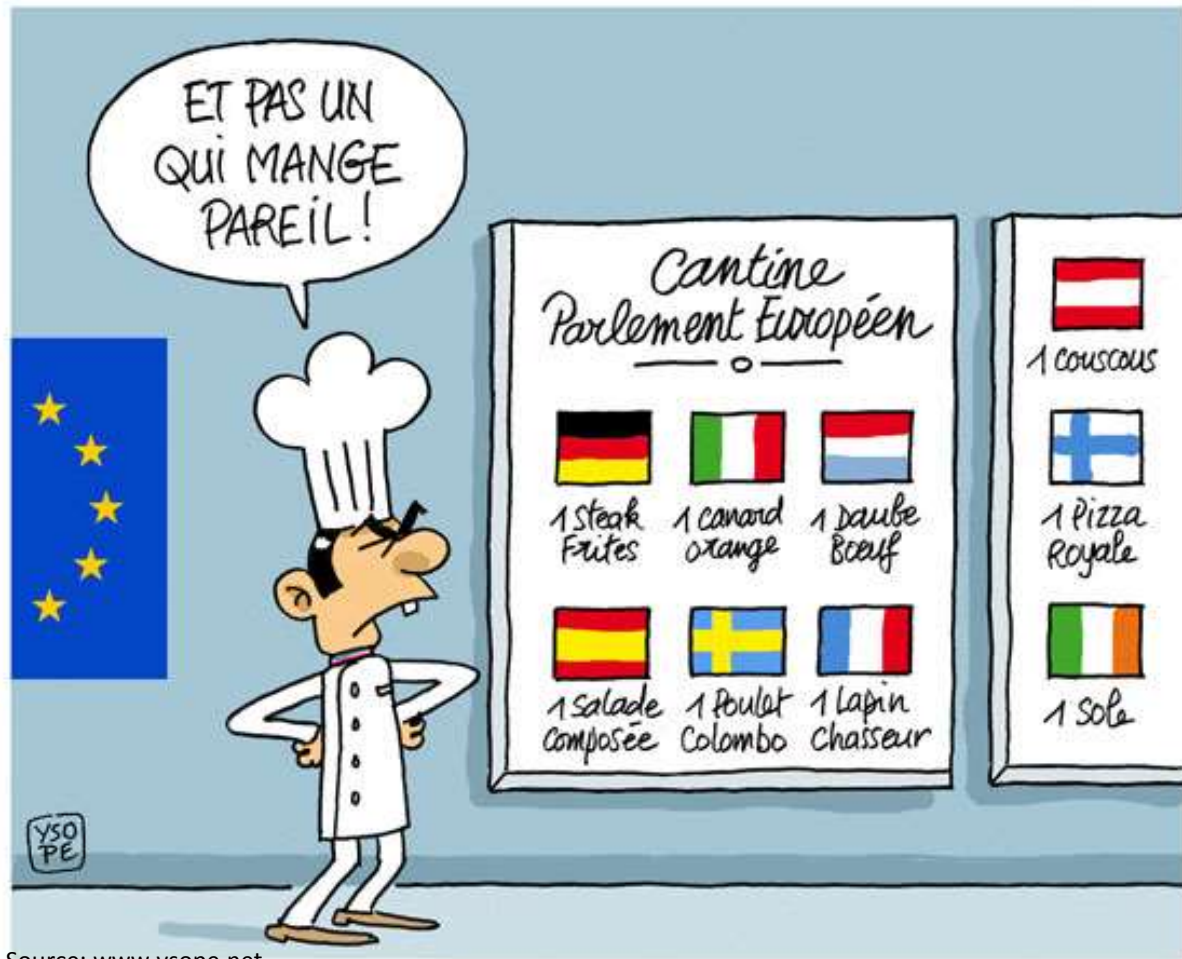
The 37th Annual Course of the International Association of Law Libraries

Law in Luxembourg –
Where Local Tradition Meets
European and International Innovation

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

Source: www.ysope.net

Concerns

- Robots serve humans
- Fears and expectations
- Societal changes



TEXTS ADOPTED

P8_TA(2017)0051

Civil Law Rules on Robotics

European Parliament resolution of 16 February 2017 with recommendations to the Commission on Civil Law Rules on Robotics (2015/2103(INL))

The European Parliament,

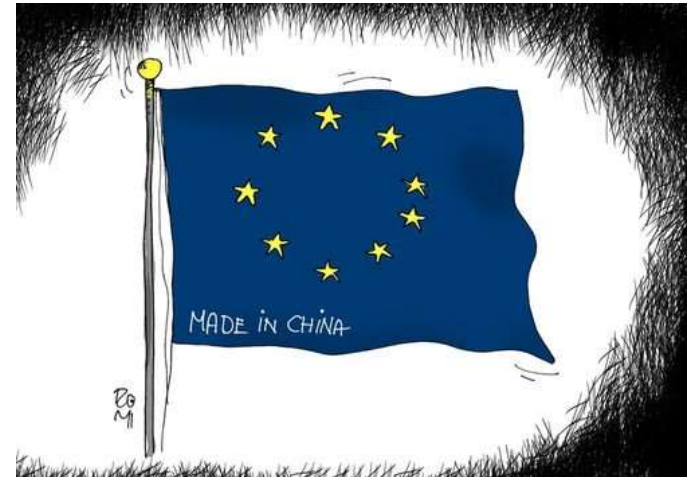
- having regard to Article 225 of the Treaty on the Functioning of the European Union,
- having regard to Council Directive 85/374/EEC¹,
- having regard to the study on Ethical Aspects of Cyber-Physical Systems carried out on behalf of the Parliament's Science and Technology Options Assessment (STOA) 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



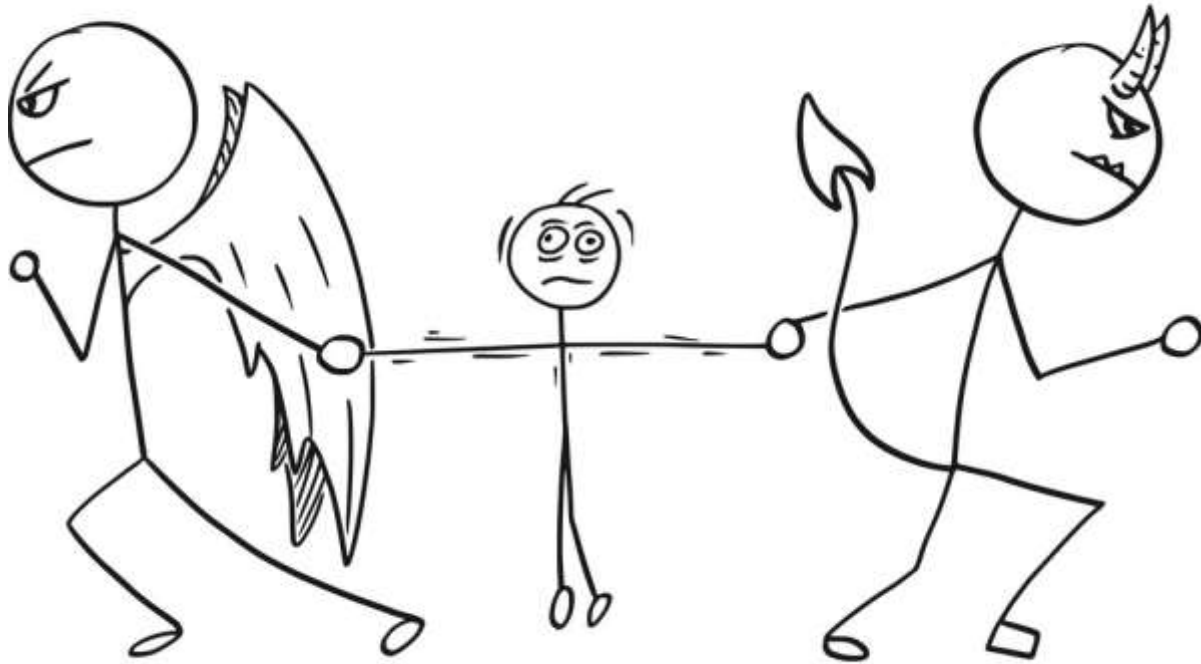
Source: www.counter-currents.com



Source: toonpool.com



Potential versus Challenges



Cyberhacking



"THE TOASTER HAS BEEN HACKED INTO THINKING IT'S A BLENDER."

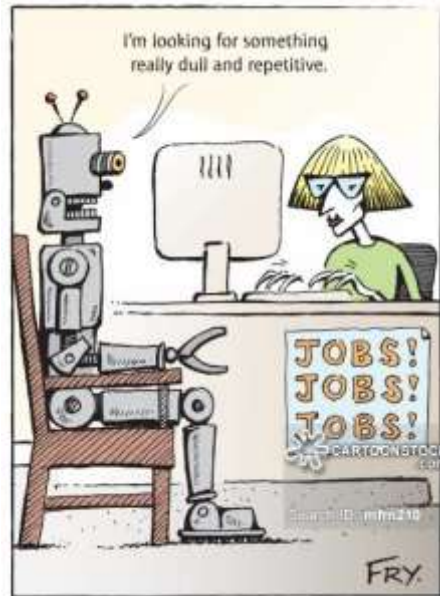
Data protection



Ethical principles

- Reliability
- Transparency
- Accountability
- Fairness

Jobs & Skills



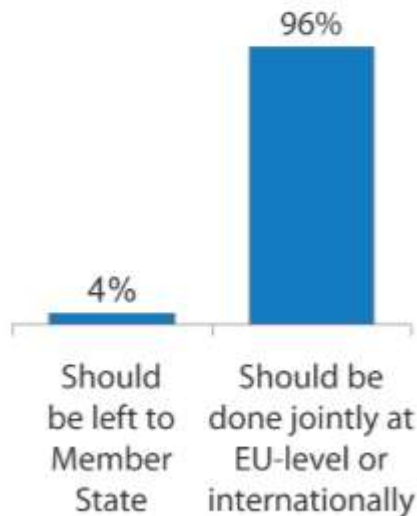
EU Agency

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

(3) VERY LARGE MAJORITY PREFERS SUPRA-NATIONAL REGULATION



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



"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)

"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 légiférant de manière centrale, l'Europe outrepassé les droits que lui ont conféré 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



Source:bbc.com