

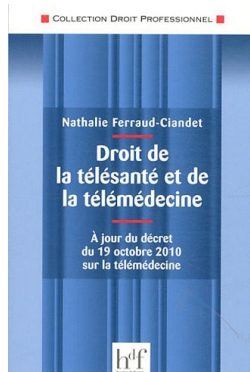
ITU Kaleidoscope 2016
ICTs for a Sustainable World

**Ageing, well-being and technology:
From quality of life improvement
to digital rights management**

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Nathalie Devillier Research Professor



Academic Expertise

- **LL.D. Private & Public International Law**
- **Data protection & privacy**
- **Comparative Law Eu-USA**
- **Research Seminars:** Telemedicine, Big data & Health
- **Publications**

Teaching

- **Big Data Master** Grenoble Ecole de Management
- **Legal Issues in Digital** Grenoble Ecole de Management
- **Therapeutic Innovation Chair**, ESSEC
- **Pedagogy:** reversed class, graphic facilitation, infography, videos

Medias

Radio podcasts:

« [Europe-Etats-Unis : les données personnelles en question](#) »

Podcast

[Internet, applis mobiles : tenons-nous encore à nos données?](#)

TV Programme

[Data protection: What has changed since Snowden?](#)



Networks
[@devilliern1](#)



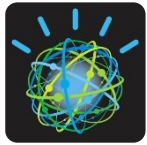
Agenda

- Links with SDGs
- Quality of life improvement
 - Access to information
 - Capacity building e-health & telemedicine
 - Consent and special needs
- Digital rights & identity management
 - A question of trust
 - Cybersecurity
- Recommendations

ICTs for seniors: Links with SDGs

- SDG #3 “Ensure healthy lives and promote well-being for all at all ages”
- ICTs balance diverse interests: governments, private sector & citizens:
 - Technology, law and ethics, international standards
 - Access to information WSIS Action Line C3
 - Capacity Building WSIS Action Line C4
 - Building confidence and security WSIS Action Line C5
 - ICT Applications: e-health WSIS Action Line C7
 - “Vulnerable groups”

Quality of life improvement



**Access to
information**

**Capacity
building e-
health &
telemedicine**

- Interoperability
- ≠ Legal Definitions
- Standard contracts

**Consent and
special needs**

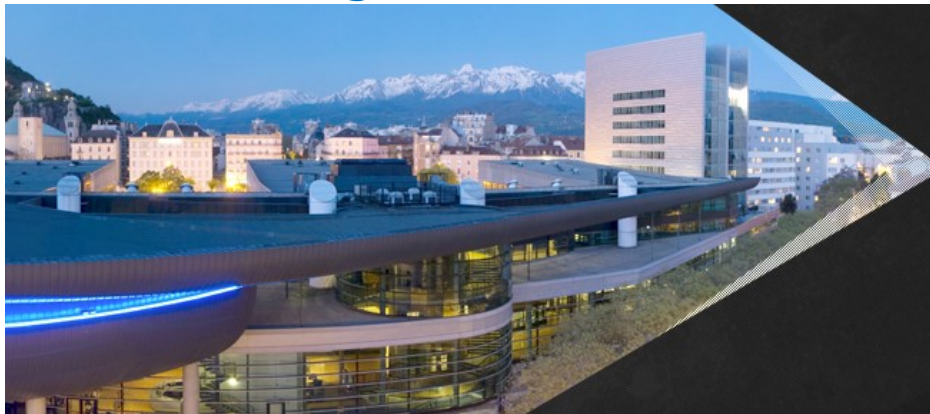
- French Law on Society adaptation to ageing: strong consent requirement
- Data protection authority

Digital rights & identity management

- A question of trust
 - Right to privacy & family life
 - Access, information, rectification, erasure, portability (European Data Protection Regulation)
 - Int'l standards on security: consent management, confidentiality, integrity, service and entity authentication
- Cybersecurity
 - Data breach notification laws, NIS (network and information systems) European Directive, strong (?) fines

Recommendations

- Need ICT for ageing evaluation: check legal & ethical requirements
- Access to information: Certification, labelling?
- Other options:
 - Appoint a trustee
 - Consider legal compliance as a risk factor: checklist/algorithm



GEM Digital Day
Dec. 6, 2016

AI & Regulation
Cybersecurity & eHealth