ROAD TRAFFIC SAFETY AND THE FUTURE LEGAL PERSPECTIVES

Luciana IORIO
UNECE WP1 CHAIR
Featuring the main topics

Geneva and Vienna Convention Updating
  ° Lights and Light Signalling
  ° Driving Permits
  ° Autonomous Driving & HMI

Safe System Approach
MDCI – Multidisciplinary Crash Investigation
Distracted Driving

GE on Road Signs and Signals
GE on Road Safety at Level Crossing

Conventions
(1949 Geneva Convention, 1968 Vienna Convention on Road Traffic and Road Signs and Signals)

****

Consolidated Resolutions
Nearly 1.3 million people die in road crashes each year, on average 3,287 deaths a day.

Weakness: HUMAN FACTOR / HUMAN BEHAVIOUR
Driver – assisted driver - …No Driver?

HMI Human interaction and behavioural …in complex systems: cross learning from high tech unmanned functionality in other transport modalities
Can/should regulations be the same for these drivers?
When it comes to driving?

- Overtaking
- Slowing down
- Giving way
- Level-crossing
- Standing and parking
When it comes to other driver responsibilities?

- Door opening
- Interaction with pedestrians
- Loading of vehicles
- Passenger carriage
- Behavior at accident site
Digital and Information technology revolutionary megatrends: thinking safety in the new era for mobility

It is not only about vehicle, it will be about creating a new “traffic” environment featuring the human behaviour as never before featured

The shift from a human centric legal asset

The meaningfulness of having a new fresh regulatory address
THANK YOU