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## **Economic Commission for Europe**

Inland Transport Committee

### **Global Forum for Road Traffic Safety**

#### **Eighty-third session**

Geneva, 20-25 September 2021

Item 3 (d) of the provisional agenda

#### **Human Factors and automated driving as key issues for future road traffic**

##### **Submitted by the Chair**

1. Now more than ever, as regulators and policy-makers, we feel the urge to facilitate the opportunity to enhance safe driving by combining the evolving automotive technology with appropriate regulatory address. By doing this, we will also serve the *Agenda 2030*, and its goals related to sustainable, inclusive mobility,
2. However, more often than not, in this decade of the “Fourth Industrial Revolution”, technology deployment goes faster than legislative pattern and ethical reflection seem to follow, and it has yet to be seen the best approach of artificial intelligence deployment with human ethics to enhance safe driving.
3. At Global Forum we have initiated, since last session, a thought — provoking dialogue, based on far -sighted exchange of views, ethical comments, and questions such as: how the future policies should look like to give everyone everywhere a sustainable, inclusive life with enhanced road safety and mobility choices? What are the values and principles that should be taken into account while developing HMI? How will automotive technology really contribute to cast a different mobility environment for the societal well-being of next decades and next generations? What does a good, fully human life look like- in the scope of SDG?
4. It is clear, that while addressing road safety principles and updating legal instruments or building new ones, we policy makers are called to stay focused on the fundamental principles embedded in the legal instruments, as well as we are called to scale priorities, non- negotiable principles, to identify what is going to be good and what may even end up being counterproductive.
5. These and more thought-provoking issues are part of this agenda item.

*ECE/ TRANS/ WP1/176 –item 3 d)*

**22 September 2021 16 – 18**

*Agenda and key note Speakers*

**Moderator:** Prof. Bryant Walker Smith, Law and regulatory studies of Emerging Technologies, South Carolina University

**Prof. Roberto Poli,** Future Advanced Studies and Anticipatory Systems, Trento University, Italy

**Prof. Carolina Varòn,** HMI Machine Learning, Space & Microgravity Research Center, ULB, Belgium

**Ms. Jane Lappin,** TRB- Emerging Technology Committees, and ARTS Symposium - USA

**Prof. Marieke Martens,** Automated Vehicles and HMI Interaction, Eindhoven University, The Netherlands

**Prof. Filippo Santoni De Sio,** Ethics of Technology, Delft University , The Netherlands

**Dr. Peter Burns,** Human Factors, Crash Avoidance - Research Division, Transport Canada, Canada

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