***Politecnico of Turin***

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**Department of ELECTRONICS and TELECOMUNICATION**

Master Degree in Mechatronic Engineering

2020/2021

**Technologies for Autonomous Vehicle – M.Canale**

**Homework 01 – Adaptive Cruise Control simulation**

Friday, May 7, 2021

**TEAM N° 1**

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**1 data and concepts**

**2 how and why the system is implemented this way**

**3 Explanation of the different switching logics implementations**

**4 compare the behaviors in terms of safety comfort and (system response)**