

**Autonomous vehicle safety evaluation through a high-fidelity simulation approach**

**Malayjerdi, Mohsen; Baykara, Baris Cem; Sell, Raivo; Malayjerdi, Ehsan** Proceedings of the Estonian Academy of Sciences 2021 / p. 413-421 : ill <https://doi.org/10.3176/proc.2021.4.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Forestry crane immersive user interface for control and teleoperation**

**Pizzagalli, Simone Luca; Bondarenko, Yevhen; Baykara, Baris Cem; Niidas, Alar; Kuts, Vladimir; Kerm, Margus; Otto, Tauno** Proceedings of ASME 2022 International Mechanical Engineering Congress and Exposition (IMECE2022), 2B: Columbus, Ohio, USA, October 30 - November 3, 2022 2022 / art. IMECE2022-94975 <https://doi.org/10.1115/IMECE2022-94975>

**Safety assessment and simulation of autonomous vehicle in urban environments**

**Malayjerdi, Mohsen; Baykara, Baris Cem; Sell, Raivo; Malayjerdi, Ehsan** IOP conference series : materials science and engineering 2021 / art. 012032, 6 p. : ill <https://doi.org/10.1088/1757-899X/1140/1/012032>

**Safety toolkit for automated vehicle shuttle - practical implementation of digital twin**

**Sell, Raivo; Malayjerdi, Ehsan; Malayjerdi, Mohsen; Baykara, Baris Cem** 2022 International Conference on Connected Vehicle and Expo (ICCVE) 2022 / 6 p <https://doi.org/10.1109/ICCVE52871.2022.9742881>

**Virtual simulations environment development for autonomous vehicles interaction**

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