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European Safety and Reliability Conference

esrel2021.org

Panel on *COVID-19 pandemic: Risk analytics*

Description

Since December 2019, the world is confronted with the COVID-19 pandemic, caused by the Coronavirus SARS-CoV-2. The COVID-19 pandemic with its incredible speed of spread shows the vulnerability of a globalized and networked world. The first months of the pandemic were characterized by heavy burden on health systems and severe restrictions on public life within a lot of countries, like educational system shutdown, public traffic system breakdown or a comprehensive lockdown. The focus of the panel is the discussion of risk and safety analytics regarding the analyse of several control strategies or combinations of them, like restrictions, medical care actions and medical prevention activities.

Motivation

The COVID-19 pandemic continues to this day. The impact of the pandemic continues to influence life in various countries around the world. Methods from reliability and safety engineering can help regarding the estimation of risks and can be a fundament for finding proper actions to control the pandemic.

Organizer

Bracke, Stefan; bracke@uni-wuppertal.de , University of Wuppertal, Chair of Reliability Engineering and Risk Analytics, Gausstrasse 20, 42119 Wuppertal, Germany

Structure: Two impulse speeches/presentations, discussion actual trends and risk and safety methodologies

Panel list

- Bracke, Stefan; bracke@uni-wuppertal.de, University of Wuppertal
- Van Gulijk, Coen; coen.vangulijk@tno.nl; University of Huddersfield
- [t.b.c]

The validation of the panel sessions will be done under the responsibility of the technical and scientific committee. Organizers are invited to provide a list of reviewers that may be supplemented by TC members to ensure consistency in the evaluation process.