



LIT LECTURES SCIENCE IN A NUTSHELL

16 March 2022
13.00
online via zoom

Self-Driving Vehicles: Where are we right now?

Highest levels of automation in vehicles require sensing the environment, analysing information to make decisions, and performing actions in the roads - an overview of the impact of automated technologies on traffic safety addressing ways to increase trust in the system.

Cristina Olaverri Monreal
(ITS-Sustainable Transport Logistics 4.0)

Anti-aging treatment for COVID-19

SARS-CoV-2 virus infection initiates a host cell defense mechanism called cellular senescence, which is also a driving force of COVID-19 disease by activating inflammatory cascades and damaging organs. Therefore, specific targeting of senescent cells can be a new treatment option for COVID-19 patients.

Soyoung Lee
(Institute for Tumor Biology)

Solid-Liquid Interfaces under Operational Conditions

The most critical part of implantable medical devices is their interface to the biological tissue. To understand the functionality of such solid-liquid interfaces under operational conditions we have developed a unique spectroscopic tool.

Manuela Schiek
(LIT / Institute of Physical Chemistry and
Linz Institute for Organic Solar Cells)

Upcoming LIT Lecture:
18 May 2022 | 13.00