

Introductory Workshop on Research Project

**Design of Autonomous Vehicle Active Seat Suspension
Mechatronic System
([DAVAS](#))**

supported by [Croatian Science Foundation](#)

Faculty of Mechanical Engineering and Naval Architecture
University of Zagreb

Tekstilpromet Building, Ground Floor, Room L4B

[Ulica Grada Gospića 1a, Zagreb](#)

October 8, 2024

8:30-9:00 Registration

9:00-9:15 Prof. Joško Deur, Project leader, Welcome note and Workshop program

9:15-10:15 Asst. Prof. Georgios Papaioannou, Technical University Delft, Netherlands
Motion Comfort in Autonomous Vehicles, Invited speech

10:15-10:45 Prof. Joško Deur, DAVAS Team, UNIZAG-FSB
Overview of Previous UNIZAG-FSB Group's Research Results in the Field

10:45-11:15 Coffee break

11:15-11:45 Prof. Joško Deur, DAVAS Team, UNIZAG-FSB
Project scope, structure, and goals

11:45-12:05 Adj. Assist. Prof. Ivan Cvok, Rimac Technology
Control Systems Development from Concept to Testing - Industrial Perspective

12:05-13:05 DAVAS Team, UNIZAG-FSB
Research results achieved so far
Assoc. Prof. Matija Hoić, *Active Seat Suspension Mechanical System Design*
Mag. Ing. Krunoslav Haramina, *Active Seat Suspension Dynamics Modeling*
Mag. Ing. Ivan Ružkan, *Active Seat Suspension Control*

13:05-13:10 Workshop Closure