

Enabling Tomorrow's Mobility: Control Strategies for Test Beds

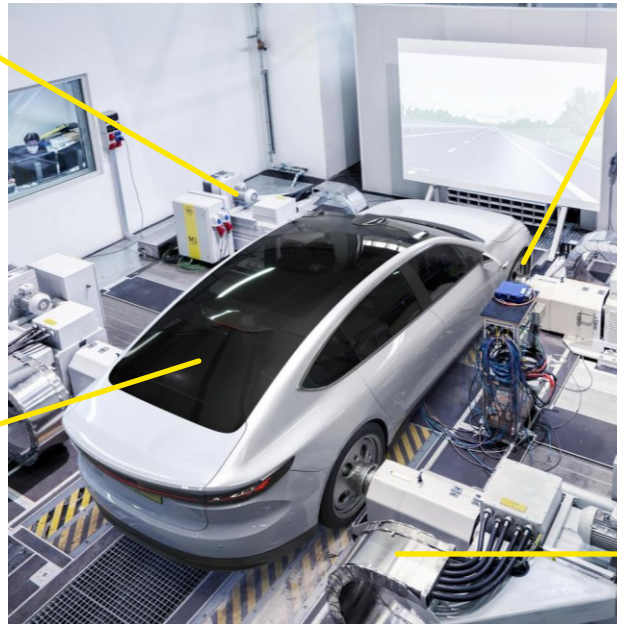
Tomorrow's mobility depends on today's research on *fuel cells, batteries, power electronics, and electrical machines*. Such research, in turn, requires capable and accurate test beds. The control of these test beds is both challenging and fascinating.

Modelling of Components:

- electrical machines
- thermodynamic properties of gases
- frequency converters
- etc.

Theoretical Topics:

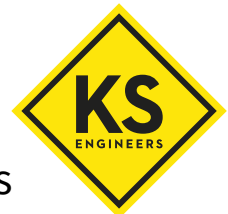
- performance of dead-time compensators
- etc.



Control Strategies:

- interconnected electrical machines
- resonant converters
- humidity of hydrogen
- dead-time systems
- etc.

...and more



Applied basic research made in Graz, in cooperation with KSEngineers