



Professor Lino Guzzetta

«Teaching forces me to formulate a scientific concept clearly and that helps me to better understand the core ideas behind it. Working with students and helping them come to grips with a difficult topic is very rewarding.»

Institute for Dynamic Systems and Control

Economic success, environmental conditions, human health and many other aspects depend on progress in science and technology. Our research focuses on control-oriented modeling, dynamic optimization and the design of feedback control systems. We work in the area of energy systems, automotive applications and biomedical engineering.

Focus

- Vehicle propulsion and engine systems
- Optimization of vehicle powertrains
- Energy management algorithms
- New control strategies for ventricular assist devices

Teaching

I very much enjoy the interaction with students as it inspires me to find new scientific questions and engineering problems. I'm fascinated by the energy and the creativity that students develop when tackling difficult problems with a fresh and novel approach.

Further details online:
www.idsc.ethz.ch

