FrontSeat

Fostering Opportunities Towards Slovak Excellence
in Advanced Control for Smart Industries

frontseat.stuba.sk

STU
SLOVAK UNIVERSITY OF TECHNOLOGY IN BRATISLAVA

RUHR UNIVERSITÄT BOCHUM RUB

UNIVERSITÀ DI PISA

FrontSeat is on a mission to uplift **The Slovak University of Technology in Bratislava (STUBA)** scientific and academic stature, transforming it into an institution known for top-tier education, innovative research, and dynamic innovation in the field of advanced automatic control.

Through our partnership with **Ruhr University Bochum, Germany (RUB)** and **University of Pisa, Italy (UNIPI)**, our goal is to:

- strengthen international research collaboration,
- conduct in-depth research on advanced automatic control systems,
- foster academic and industrial network,
- attract and cultivate talented young/senior researchers and project managers,
- implement and disseminate our research outcomes effectively.

Upcoming events

Academia Meets Industry #2

June 15-16, 2023

Patince, Slovakia (Wellness Hotel Patince)

FrontSeat Summer School on Embedded Optimal Control

Check the other side for more info ➡️

Opportunities to interact with us

Follow us!

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Events

Read from us!

Publications

Funded by the European Union

This project has received funding from the European Union's Horizon Europe under grant no. 101079342 (Fostering Opportunities Towards Slovak Excellence in Advanced Control for Smart Industries).

FrontSeat Summer School on Embedded Optimal Control

5-DAY SUMMER SCHOOL ON EMBEDDED OPTIMAL CONTROL - **FREE REGISTRATION!**

📍 Location: Slovak University of Technology in Bratislava

📅 Date: 11-15 September 2023

Registration deadline: 30 June 2023

Unlock your potential with our immersive learning experience designed to equip you with both theoretical insights and practical know-how in advanced methods for embedded optimal control.

WHAT WILL YOU GAIN?

- **Mastery** over cutting-edge approaches to optimal control problems.
- **Skills** in real-time model predictive control design.
- **Insight** into data-driven near-optimal alternatives using machine learning.
- **Hands-on experience** with implementation on embedded computing hardware.

COURSE HIGHLIGHTS

- Engaging lectures complemented by intensive **computer exercises**.
- Access to **microcontroller-based pocket laboratories** for various control experiments.
- The freedom to select your **own application problem and hardware platform**.
- A chance to present your results and receive **feedback** in real-time.
- A special lecture to enhance your **presentation skills**.

KEY SPEAKERS

Michal Kvasnica | **Gergely Takács** | **Martin Klaučo** | **Martin Ždímal**

Book your seat now!

www.smartislava.sk

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