



Simulation-Technology: From Equations to Complex 3D Models for Control Design

Drone applications rely on a solid understanding of the underlying physics, and therefore are greatly assisted by an improved ability to simulate and visualise the physics behind drones.

The important element that controls and optimises these physics to give the drone its best performance is **Control Systems Modeling**.

[Join us](#) in this webinar to understand the fundamentals of Control System Modeling before you embark on your journey of drone design.

Topics covered:

- Basic system dynamics
- Time / frequency domain
- Transfer function / state space
- 3D modelling (multi-body dynamics)
- Classical control design
- Control design and co-simulation
- Outlook of Reduced Order Models utilising AI

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