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Helicopter flight mechanics

- Helicopters are amazing flying machines, capable of tasks impossible for fixed-wing aircraft. This comes at the cost of a greater constructive and modelling complexity.
- In this seminar, we will review the basic principles of helicopter flight mechanics and dynamics, highlighting the most peculiar aerodynamic and dynamic phenomena.

Jacopo Serafini teaches flight dynamics and wind turbine design at Roma Tre University. His research topics cover aerodynamics, aeroelasticity, dynamics and control of aircraft and modelling and control of wind turbines.

