



# Workshop agenda

Slight shifts in the time schedule might occur during the live event.

- 15h Welcome, H2020 project FALCon and explanation of Workshop procedure
- 15h15 Outlook Space in Horizon Europe (EC)
- 15h25 „in-air-capturing“ in space transportation: idea, interest, history
- 15h45 Quantified performance gain for RLV
- 16h Research progress achieved in DLR and in H2020 project FALCon
  - Flight experiments
    - Formation
    - Environment perception and data
  - Ground experiments, modeling and simulations
    - Windtunnel testing
    - Subscale experiments modeling
    - Full scale simulation reference concept
- 16h50 Outlook planned flight demonstrations in H2020 project FALCon
  - Demonstration experiment (logic, range, size, limitations)
  - Selected test site
  - Vehicles and hardware
- 17h10 Technology Development Roadmap
  - “in-air-capturing“ procedure high-level requirements
  - Technology Readiness Level (TRL) and Integration Readiness Level (IRL)
  - Technology development and demonstration needs
  - Intended TRL status, timeline
  - Proposed technical maturation plan, Roadmaps
- 17h35 Alternative technology applications and exploitations
- 17h45 Time for European stakeholders' feedback and future involvement
  - Open round for comments, recommendations, questions, critical assessment
  - Agreement on dedicated splinter meetings, workshops and dates with all interested parties
- ca. 18h+ Intended closure of online event