



**July 9th – In the morning**  
9h30m to 12h30m - Partial demonstrations

- Fixed wing UAV (ETHZ): area general survey and victim detection;
- Quadrotor (ASCAMM): restricted area and victim detection;
- USVs (ROAZ and U-RANGER): area scanning, victim detection, obstacles avoidance, and UCAPs transport and launch;
- UCAPs: approach to victims, inflation;
- Command & Control tools.

**July 9th – In the afternoon**  
14h30m to 17h00m - Partial demonstrations

- Victims detection using a UAV(s), USVs approach, UCAPs launch and raft inflation;
- Integration of Command & Control and training tools.

**July 10th – In the morning**  
9h30m to 13h00m - Integrated demonstration

- ICARUS Welcome presentation
- Search & Rescue operation progress monitoring:
  - Scene 1 – Alarm, preparation, fixed wing UAV deployment;
  - Scene 2 – General survey and detection of clusters of victims;
  - Scene 3 – Deployment de USVs and evolution follow up;
  - Scene 4 – USVs features presentation;
  - Scene 5 – UAV quadrotor deployment and features presentation;
  - Scene 6 – USVs approach to victims and UCAPs launch;
  - Scene 7 – UCAP navigation and raft inflation;
  - Scene 8 – Victims rescue.

- Demo Closure

