HAPS Alliance

HIGH ALTITUDE PLATFORM STATION

SUMMIT

Telecommunications

Chair: Fatema Hamdani, Kraus Hamdani Aerospace
Vice Chair: Shiro Fukumoto, HAPSMobile/SoftBank Corp.

Mission

- Explore, develop, and advocate for common regulatory positions
- Contribute to relevant technical standards related to HAPS
- Publish impactful papers on telecommunications use cases (white papers, academic papers)
- Position Alliance as the premier forum for policy and technical discussions related to HAPS
- Encourage innovation that improves HAPS-based telecommunication solutions

2021 Achievements

- Flight test experiences from member companies
  - Information sharing for communications via stratosphere
- Joint contributions to international standard and regulatory bodies
  - International Telecommunication Union (ITU), 3rd Generation Partnership Project (3GPP)
- Studies for viability of HAPS and NTN
  - Business case, architecture and coexistence aspects

Looking Ahead: 2022 Initiatives

Expanding the influence of HAPS

- Publish white paper for further information sharing
- Contribute towards international 6G standardization
- Further study viability of HAPS
- Partner on telecommunication efforts across various altitudes and satellite providers