

**Jean-Marc Conan -  
Ground-Space Optical Links  
Assisted by Adaptive Optics**

**Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **Ground-Space Optical Links Assisted by Adaptive Optics**

*Thursday, June 6, 2024 11:00 AM (1h 30m)*

impact of atmospheric turbulence on bidirectional optical links : notion of reciprocity, of correction/pre-compensation by adaptive optics,  
application to high precision frequency transfer, to high data rate communications and to quantum key distribution (QKD),  
presentation of recent experimental demonstrations and developments : FEEDELIO, VERTIGO, PICCOLO, FEELINGS.

**Presenter:** Dr CONAN, Jean-Marc (ONERA)