

Ground-Space Optical Links Assisted by Adaptive Optics

jeudi 6 juin 2024 11:00 (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 : FEDELIO, VERTIGO, PICOLO, FEELINGS.

Orateur: Dr CONAN, Jean-Marc (ONERA)