



Contribution ID: 610

Type: **Talk (preferred)**

## **Simultaneous beam shaping and suppression of simulated Brillouin scattering by adjusting the input wavefront in a multimode fiber**

*Wednesday, 14 December 2022 12:15 (15 minutes)*

We experimentally demonstrate that adjusting the input wavefront of a multimode fiber can be used to simultaneously shape beam and suppress simulated Brillouin scattering (SBS) for a high-power narrow linewidth system.

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**Session Classification:** 7th International Workshop on Speciality Optical Fibres

**Track Classification:** WSOF: WSOF: Nonlinear optics