

# Packaging of an ultra-stable all-fiber-integrated NALM oscillator at 1 $\mu\text{m}$ center wavelength for FEL facilities

*Thursday, 1 September 2022 12:00 (2 hours)*

Previously we have demonstrated an all-fiber-integrated, alignment-free NALM PM Yb: fiber oscillator with sub-fs timing jitter. Here we report on the next steps in engineering this all-fiber compact oscillator. We developed a method to repeatably assemble lasers at a repetition rate required by DESY's FEL facilities.

## code

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