

Mamyshev oscillator based on split-amplifier configuration

Tuesday, 30 August 2022 12:00 (2 hours)

We present a Mamyshev oscillator setup in which a fiber amplifier is split into two equal parts and placed before the filters. At low repetition rates this setup allows to produce pulses which are less affected by nonlinear distortions.

Primary authors: LIAUGMINAS, Gustas (Center for Physical Sciences and Technology, Vilnius, Lithuania); REGELSKIS, Ke, stutis (Center for Physical Sciences and Technology, Vilnius, Lithuania); ŽELUDEVICĖ, Julijanas (Center for Physical Sciences and Technology, Vilnius, Lithuania)

Presenter: LIAUGMINAS, Gustas (Center for Physical Sciences and Technology, Vilnius, Lithuania)

Session Classification: Lunch and Poster Session 1