

EUROPHOTON 2022

Tuesday 30 August 2022

FWD 2 Thulium lasers and amplifiers - Auditorium (16:30-18:15)

-Conveners: Jonathan Bradley

time	[id] title	presenter
16:30	[50] 100W, 1 mJ, few-cycle pulses at 2 μm wavelength	WANG, Ziyao
16:45	[51] High-peak-power Ho ³⁺ and Tm ³⁺ -doped fiber MOPA for mid-IR conversion	LORENZ, Dominik
17:00	[52] High-power and highly-efficient laser operation of Tm ³⁺ :Ho ³⁺ -codoped silica fiber lasers emitting at 2.1 μm and 2.2 μm	FORSTER, Patrick
17:15	[53] Generation of 12 nJ Pulse Energy by a Thulium-doped Fiber Mamyshev Oscillator	SCHUHBAUER, Benedikt
17:30	[54] Highly efficient, high-power thulium-doped fibre amplifier via in-band pumping at 1.7 μm	LENSKI, Mathias
17:45	[55] Simple method for determining quantum efficiency and background propagation loss in thulium-doped fibres	BUCKTHORPE, Martin P
18:00	[56] 937 W Thulium:silica fiber MOPA operating at 2036 nm	ROMANO, Clément