

Session Title:	[Fr1B] Nonlinear Phenomena and Applications II
Session Date:	August 9 (Fri.), 2024
Session Time:	09:00-10:30
Session Room:	Room B (104-106)
Session Chair(s)	Dr. Nobuhisa Ishii (Nat'l Institutes for Quantum Science and Tech., Japan)

[Fr1B-1] [Invited] 09:00-09:30

Isolated 64-attosecond Pulses Driven by a Postcompressed Yb-laser

Yu-En Chien, Ming-Shian Tsai, An-Yuan Liang, and Ming-Chang Chen (Nat'l Tsing Hua Univ., Taiwan)

[Fr1B-2] 09:30-09:45

Femtosecond Short Wavelength Infrared Laser System Based on Tm:Tb:ZBLAN Fibers

Kaito Okada, Dina Grace Banguilan, and Takao Fuji (Toyota Technological Inst., Japan)

[Fr1B-3] 09:45-10:00

20 m-long Permanent Air Waveguide Produced by Filamentation of a Collimated Laguerre-Gauss Beam at 1030 nm

Silin Fu, Benoit Mahieu, Magali Lozano, Laurent Bizet, Fatima Alahyane, André Mysyrowicz, and Aurélien Houard (Institut Polytechnique de Paris, France)

[Fr1B-4] 10:00-10:15

A Stable Femtosecond Semiconductor Laser Based on Fiber Nonlinearity

Wu Jiayu, Zhang Yi, Hou Yubin, Zhang Qian, Song Weihua, Xia Tong, Xi Wang, and Wang Pu (Beijing Univ. of Tech., China)

[Fr1B-5] 10:15-10:30

Spatial-Spectral Complexity in Kerr Beam Self-Cleaning

Moshe Labaz and Pavel Sidorenko (Technion - Israel Inst. of Tech., Israel)