

<b>Session Title:</b>	<b>[Fr1B] Nonlinear Phenomena and Applications II</b>
<b>Session Date:</b>	<b>August 9 (Fri.), 2024</b>
<b>Session Time:</b>	<b>09:00-10:30</b>
<b>Session Room:</b>	<b>Room B (104-106)</b>
<b>Session Chairs</b>	<b>TBA</b>

**[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)