

<b>Session Title:</b>	<b>[Tu1I] Femtosecond Laser Structuring</b>
<b>Session Date:</b>	<b>August 6 (Tue.), 2024</b>
<b>Session Time:</b>	<b>11:00-12:30</b>
<b>Session Room:</b>	<b>Room I (118)</b>
<b>Session Chairs</b>	<b>TBA</b>

**[Tu1I-1] [Tutorial] 11:00-11:45**

**Transforming and Tuning Materials Properties with Femtosecond Lasers, from 3D Part Fabrication, Photonics and Beyond**

Yves Bellouard (EPFL, Switzerland)

**[Tu1I-2] 11:45-12:00**

**Fabrication of 2D Periodic Surface Nanostructures for Functionalization of Titanium Surface by Femtosecond Laser Pulses with GHz Burst Mode**

Shota Kawabata, Felix Sima, Shi Bai, Kotaro Obata, Kazunari Ozasa (RIKEN Center for Advanced Photonics, Japan), Godai Miyaji (Tokyo Univ. of Agriculture and Tech., Japan), and Koji Sugioka (RIKEN Center for Advanced Photonics, Japan)

**[Tu1I-3] 12:00-12:15**

**Laser-Assisted-Etching for Hybrid Polymer-Silica Lab-on-chip**

George T Ong, T. Lee, P. Maniewski, S. McQuillan, M. Beresna, R. Ismaeel, and G. Brambilla (Univ. of Southampton, UK)

**[Tu1I-4] 12:15-12:30**

**Femtosecond Laser Written Waveguides in CVD Diamonds**

D. Perevoznik, J. Locmelis, D. Zuber, A. Glukhovskoy (Leibniz Univ. Hannover, Germany), A. Afentaki, M. Hinkelmann (Laser Zentrum Hannover e.V., Germany), F. Dencker, M. Wurz, and U. Morgner (Leibniz Univ. Hannover, Germany)