Room 3

Session 2-3-1: GS06
Laser machining I

GS06-02 Investigation on the diamond cutting of Inconel 718 using negative rake angle tools by FEM
Yuhan Li, Wai Sze Yip and Suet To

GS06-05 Investigation of a laser focus detecting system for laser machining
Chong Chen, Ziran Chen, Xiaokang Liu and Wei Gao

GS06-06 Micromachining of carbon fiber reinforced plastics by femtosecond pulsed laser
Yuhei Konishi and Jiwang Yan

GS06-07 Fused silica cylindrical microlens array fabricated by multi-focus laser with CO2 laser polishing
Zongyao Li, Peilin Huang, Kang Xu and Shaolin Xu

Session 2-3-2: GS06/OS10
Laser machining II
Energy beam processing I

GS06-08 Freeform 3D glass microstructures sculptured with dynamic multi-focus laser
Li Yao and Shaolin Xu

GS06-09 All-glass nanohole metalens by Non-diffracting Direct Laser Writing
Kang Xu, Mandong Zheng, Lingyu Huang and Shaolin Xu

OS10-04 Precision ultrashort pulsed laser processing of silica glass by modulating pulse energy
Ryota Hasegawa, Junya Hattori, Tomohiro Fukui, Naohiko Sugita and Yusuke Ito

OS10-05 Avoiding intermetallic compound formation in Al/Cu laser welding via a nickel interlayer
Liwei Chen, Ryo Okawara, Yoshiki Sakai and Keisuke Nagato

Session 2-3-3: OS10
Energy beam processing I

OS10-07 Time-resolved nano-scale measurement of surface displacement of silica glass during ultrashort-pulse laser ablation
Shogo Kitamura, Chaoran Wei, Junya Hattori, Naohiko Sugita and Yusuke Ito

OS10-09 Picosecond Observation of Laser-induced Disturbances on the Water Jet in Water Jet Guided Laser Processing
Shoichi Ui, Shuzo Masui, Shotaro Kadoya, Masaki Michihata and Satoru Takahashi

OS10-01 Shape control of the silver precipitation layer by laser irradiation inside borosilicate glass
Miyuka Kono, Souta Matsusaka, Sho Itho and Hirofumi Hidai

OS10-11 Fundamental Study on Calcination of Limestone Particles by Near-infrared Wavelength Laser with Vibration Stirring
Naoki Kotake, Yasuhiro Okamoto, Masakazu Oka, Shuji Fujiki, Shunjiro Shizuka and Akira Okada

OS10-10 Investigation of intense stress wave generated by double femtosecond laser pulses in fused silica
Huijie Sun, Junya Hattori, Tao Sun, Tomohiro Fukui, Horiki Matsumoto, Naohiko Sugita and Yusuke Ito