Program of Poster Session

December 2 (Wed), 18:00-19:30

P01 Semiclassical prediction of resonance-assisted decay in mixed regular--chaotic systems
Normann Mertig, Felix Fritzsch, Arnd Bäcker, and Roland Ketzmerick
Tokyo Metropolitan University and Waseda University, Japan

P02 Non-reciprocal light storage based on Brillouin scattering in microresonator
Chunhua Dong, Zhen Shen, Changling Zou, Yanlei Zhang, Wei Fu, and Guangcan Guo
University of Science and Technology of China, China

P03 Cavity optomagnonics with spin-orbit coupled photons
A. Osada, R. Hisatomi, A. Noguchi, Y. Tabuchi, R. Yamazaki K. Usami, M. Sadgrove, R. Yalla, M. Nomura, and Y. Nakamura
The University of Tokyo, Japan

P04 Fast physical random bit generation by chaotic lasers with delayed feedback using short external cavities
Shin Suzuki and Takahisa Harayama
Waseda University, Japan

P05 Coupling quantum dots with a nanofiber Bragg cavity
Yasuko Oe, Andreas W. Schell, Hideaki Takashima, Syunya Kamioka, Masazumi Fujiwara, Oliver Benson, and Shigeki Takeuchi
Kyoto University, Japan

P06 A robust multiplexed single photon source with excess-photon suppression
Takayuki Kiyohara, Ryo Okamoto, and Shigeki Takeuchi
Kyoto University, Japan

P07 2-D optical/opto-mechanical microfluidic sensing with micro-bubble resonators
Zhenmin Chen, Ming Li, Xiang Wu, Liying Liu, and Lei Xu
Fudan University, China

P08 Mode-selective lasing in high-Q polymer micro bottle resonators
Qijing Lu, Xiang Wu, Liying Liu, and Lei Xu
Fudan University, China

P09 Experimental test of fractal Weyl law in an optical microcavity
Li Wang, Domenico Lippolis, and Yun-Feng Xiao
Peking University, China

P10 Convergence of the survival and phase-space probability distributions for nearly-integrable dielectric billiards
Shunya Sekiguchi and Takahisa Harayama
Waseda University, Japan

P11 Lithium niobate resonators for electro-optic modulation
Jie Wang, Fang Bo, Wuxia Li, Feng Gao, Junjie Li, Guoquan Zhang, and Jingjun Xu
Nankai University, China

P12 Ray-wave correspondence in chaotic dielectric billiards
Takahisa Harayama and Susumu Shinohara
Waseda University, Japan

P13 Microfiber tip based Fabry-Perot interferometer and its application for microsphere whispering-gallery modes resonator excitation
Ruohui Wang, Zhangwen Liu, Tuan Guo, and Xueguang Qiao
Northwest University, China

P14 Symmetry breaking in nonlinear whispering-gallery mode microresonators
He-Ming Wang, Xi Chen, Rui-Shan Liu, and Yun-Feng Xiao
Peking University, China

P15 Measurement of free-space coupling efficiency in a deformed microcavity using stimulated Raman scattering
Shu-Xin Zhang, Li Wang, Qihuang Gong, and Yun-Feng Xiao
Peking University, China

P16 Cooling of macroscopic mechanical resonators in hybrid atom-optomechanical systems
Xi Chen, Yong-Chun Liu, Pai Peng, Yanyan Zhi, and Yun-Feng Xiao
Peking University, China

P17 Avoided level crossing in an elliptic, a quadrupole, and a stadium billiard
Ji-Hwan Kim, Chang-Hwan Yi, Ji-Won Lee, and Chil-Min Kim
Daegu Gyeongbuk Institute of Science and Technology (DGIST), Korea

P18 Emission characteristics of an asymmetric reuleaux triangular-shaped 2-D microcavity
Jin-Hyeok Ryu, Ji-Won Lee, Changhwan Yi, Ji-Hwan Kim, In-Goo Lee, Sung-Min Go, Kwang Ryong Oh, Sung-Bock Kim, and Chil-Min Kim
Sogang University, Korea

P19 Cavity-enhanced stimulated Brillouin scattering in a whispering-gallery-mode bottle resonator
Motoki Asano, Yuki Takeuchi, Sahin Kaya Ozdemir, Rikizo Ikuta, Nobuyuki Imoto, Lan Yang, and Takashi Yamamoto
Osaka University, Japan

P20 Numerical simulation of ultra-wide tunability of a nanofiber Bragg grating cavity
Hideaki Takashima, Andreas W. Schell, Shinjiro Fujita, Yasuko Oe, and Shigeki Takeuchi
Kyoto University, Japan

P21 Stabilities of long periodic ray orbits in two-dimensional microcavities for delayed optical feedback generation
Koei Koyama and Takahisa Harayama
Waseda University, Japan

P22 Analysis and experiment of broadband visible Kerr comb generation in a silica toroid microcavity
Zhelun Chen, Takumi Kato, and Takasumi Tanabe
Keio University, Japan

P23 Operation properties of cardioid-shaped microcavity laser
In-Goo Lee, Sung Min Go, Changhwan Yi, Ji-Won Lee, Ji-Hwan Kim, Jin-Hyeok Ryu, Kwang-Ryung Oh, Sung-Bock Kim, and Chil-Min Kim
Sogang University, Korea

P24 A scanning probe method for measuring the local density of optical states at plamonic resonators
Andreas Schell, Philip Engel, and Oliver Benson
Kyoto University, Japan

P25 Dynamical tunneling in open integrable system via non-isolated resonant-torus
Chang-Hwan Yi, Hyeon-Hye Yu, and Chil-Min Kim
Daegu Gyeongbuk Institute of Science and Technology (DGIST), Korea

P26 Characteristic analysis of resonance-controlled ZnO random laser
Ryo Niyuki, Hideki Fujiwara, Toshihiro Nakamura, Takeshi Tsuji, and Keiji Sasaki
Hokkaido University, Japan

P27 Emission characteristics of a microcavity laser comprized of half circle and half ellipse
Ji-Won Lee, Changhwan Yi, Ji-Hwan Kim, Kwang Ryong Oh, Sung-Bock Kim, and Chil-Min Kim
Daegu Gyeongbuk Institute of Science and Technology (DGIST), Korea

P28 Two-photon excited fluorescence by efficient localized plasmon excitation via a fiber-coupled microspherical cavity
Shumpei Onodera, Fang Ren, Hideaki Takashima, Hideki Fujiwara, and Keiji Sasaki
Hokkaido University, Japan

P29 Single atom on a photonic crystal nanofiber cavity
Yanqiang Guo, Kali Prasanna Nayak, Tetsuo Kishimoto, and Kohzo Hakuta
University of Electro-Communications, Japan

P30 Emission characteristics of a half circle half cardioid shaped 2-D microcavity
Sung-Min Go, In-Goo Lee, Ji-Hwan Kim, Ji-Won Lee, Changhwan Yi, Jin-Hyeok Ryu, Kwang Ryong Oh, Sung-Bock Kim, and Chil-Min Kim
Sogang University, Korea

P31 Reconfigurable coupled cavity system on a photonic crystal waveguide
Tomohiro Tetsumoto, Yuta Ooka, and Takasumi Tanabe
Keio University, Japan

P32 Random lasing within a two-dimensional ZnO nanorod array fabricated by a laser-induced hydrothermal synthesis
Takemasa Suzuki, Ryo Niyuki, Hideki Fujiwara, and Keiji Sasaki
Hokkaido University, Japan