8:15 13a-2C-5 Localized surface plasmon effect for ZnO nanoparticles based devices ○ Jie Lin

9:00 11:45 13a-2C-11 選択成長 Si キャップ層適用低暗電流 Ge 受光器の開発 ○ 奥村 滋一

9:45 11:45 13a-2C-3 Highly tunable hybrid plasmonic devices for trapping nano-objects. ○ (P)Marios Sergides

10:00 11:45 13a-2C-2 Localized surface plasmon effect for ZnO nanoparticles based devices ○ Jie Lin, Hirota Tanka, Kenta Odawara, Hirotaka Tanada

10:15 11:45 13a-2C-4 Transmission of the Double-layer Wire Grid Polarizer and its Dependence ○ Yusuke Ebihara, Yuto Onuma, Koichiro Okamoto

10:30 11:45 13a-2C-6 [JSAP-OSA Joint Symposia 2015 Invited Talk] (30min.) ○ WEN-KAI KUO

10:45 11:45 13a-2C-2 Manipulating Focusing and polarizing in Plasmonic Nanostructures ○ Jianguo Wang, Guoqiang Liu, Yuan-Yuan Zhao

11:00 11:45 13a-2C-3 Nanofabrication Method ○ (PC)JULIAN ESTUDILLO-AYALA

11:15 11:45 13a-2C-4 New Development of Plasmonics Towards High-Efficiency Light-Emitting Devices ○ Koichi Okamoto, Yusuke Ebihara, Yuika Saito, Ann-Kuo Chu, Xian-Zi Dong

11:30 11:45 13a-2C-5 Transmission of the Double-layer Wire Grid Polarizer and its Dependence ○ Yusuke Ebihara, Yuto Onuma, Koichiro Okamoto

11:45 11:45 13a-2C-6 [JSAP-OSA Joint Symposia 2015 Invited Talk] (30min.) ○ WEN-KAI KUO

12:00 11:45 13a-2C-7 Roles of oxide plasmonics for solar thermal-shielding applications ○ Hiroshi Natsume, Hiroki Tabata

12:15 11:45 13a-2C-8 Fano resonances in i-shaped gold dimers ○ Yusuke Ebihara, Yuto Onuma, Yuko Matsumoto, Koichiro Okamoto

12:30 11:45 13a-2C-9 Tunability and Sensitivity of Tamm Plasmon Resonance ○ Kenta Odawara, Hirotaka Tanada, Atsushi Motogaito

12:45 11:45 13a-2C-10 Metallic nanoarrays array for magnified subwavelength imaging ○ (B)Hiroki Miyaji, Koichiro Okamoto, Yusuke Ebihara, Yuika Saito, Ann-Kuo Chu, Xian-Zi Dong, Xian-Zi Dong, Hideharu Fujita, Akira Emoto

13:30 11:45 13a-2C-11 選択成長 Si キャップ層適用低暗電流 Ge 受光器の開発 ○ 奥村 滋一
4.2 Bi- and Medical Photonics

9/15 Wed 9:15 - 12:15 口頭講演 (Oral Presentation) 2C 会場

Super-resolution optical fluctuation imaging with high spatiotemporal resolution
Xuanze Chen, Zheng Zeng, Peng Hu
1.Peking University

9:45 E 15a-2C-2 Enhancement of the lateral resolution of human microscopy by use of structured illumination
Almar Palanovski, Ruzie Watanabe, Nicholas Smith, Ling-dan Chi, Aman Jaiswal, Hiroshi Hashimoto, Satoshi Katsumi, Katsumasa Fujita
1.Department of Applied Physics, Osaka University, 2.Inmobiology Frontier Research Center, Osaka University, 3.Laboratory of Molecular Neurouropharmacology, Osaka University

10:00 E 15a-2C-3 Digital holographic microscopy for quantitative observation of biofluid microstructure in biological samples
Wataru Kamo, Nicola Pavillon, Katsumasa Fujita, Nicholas Smith
1.Dept. of Applied physics, Osaka Univ., 2.IFReC, Osaka Univ.

10:15 E 15a-2C-4 T-shaped silicon nitride microcavity resonator sensor
Tatsuhiko Tanemichi, Masahito Yamakawa, Hiroki Kawagoe, Norihiko Nishizawa
1.Nagoya Univ. Graduate School of Engineering

10:30 休息 / Break

10:45 E 15a-2C-5 Ultrathin-walled microbubbles for high sensitivity pressure sensing
Yong Yang
1.University of Oxford, 2.Erlangen University

11:15 E 15a-2C-6 Multi-cellular lab-on-a-chip for detection of live cancer cells
FPavillon, Nicholas Smith
1.Univ. of Oxford

11:30 E 15a-2C-7 Visualization of lipid rafts in an artificial monolayer membrane by using silt-scanning Human microscopy
Jun Ando, Kiyoshi Kinoshita, Koichi Chiba, Hiroki Yamakawa, Kouhei Doki, Katsumasa Fujita, Michio Murata, Mikiko Sodeoka

11:45 E 15a-2C-8 Biological super-resolution microscopy using high-repetition-rate pulse laser for ultra-high resolution OCT in 1600 nm spectral band
Masahito Yamakawa, Hiroki Kawagoe, Norihiko Nishizawa
1.Nagoya Univ.

12:00 E 15a-2C-9 Dental hard tissue ablation with a wavelength-tunable pulsed Cr:CdSe laser in the range of 2.76-3.00 µm
Takefumi Lin, Akira Awaka, Norihito Salto, Masaki Yamato, Sadahito Nakajima, Koji Nagasaki, Shinke Ishibashi, Koju Mizutani, Satoshi Wada, Yutaka Inami

9/16 Wed 9:45 - 12:00 口頭講演 (Oral Presentation) 2C 会場

10:15 E 16a-2C-9 Digital holographic microscopy for quantitative observation of biofluid microstructure in biological samples
Yoshie Harada
1.Nagoya University

10:45 E 16a-2C-10 Application of fluorescent diamond nanoparticles to bio-imaging
Rawiwan Laocharoensuk, Satoshi Kawata, Yukihiro Sato, Yukihiro Sakai, Hiroshi Fujita, Noriaki Fujita, Masahito Hori

11:15 E 16a-2C-11 High-resolution optical coherence microscopy using high-power supercontinuum source in wavelength of 1700nm region
Taro Ichimura, Taishi Ikari, Hiroshi Sato, Masahito Hori
1.Kyoto University

11:45 E 16a-2C-12 Micro-Raman scattering imaging
Hiroyuki Yamakoshi
1.Osaka University

12:00 E 16a-2C-13 Micro-Raman scattering imaging
Hiroyuki Yamakoshi
1.Osaka University

4.3 Optical Micro-sensing, Manipulation, and Fabrications

9/14 Mon 13:45 - 18:00 口頭講演 (Oral Presentation) 2C 会場

12:00 E 20a-2C-10 Nanoplasmonic resonator sensor for detection of influenza A
Yong Yang
1.University of Oxford, 2.Erlangen University

12:15 E 20a-2C-11 Optical properties of oleoresin with capsaicin in visible window using super-resolution optical fluctuation imaging with high spatiotemporal resolution
Yong Yang, Zheng Zeng, Peng Hu
1.Peking University

13:45 E 15a-2C-1 [JSAP-OSA Joint Symposia 2015 Invited Talk] (30min.)
Application of fluorescent diamond nanoparticles to bio-imaging
Yoshie Harada
1.Nagoya University

14:15 E 16a-2C-2 Polarization-Dependent Optical Resonances of Injection-Molded Guided-Mode Resonance Biosensors
Ye-Chung Liu, Yi-Fan Ku, Gao-Er Chang
1.Nat. Cheng Chung Univ.

14:30 E 16a-2C-3 Detection of Pathogenic Bacteria Using Nanocomposite as an Optical Antennas
Taro Ichiura, Taishi Kikuta, Keigo Bozukai, Junichi Kanoh, Hidenori Fujita, Tomonobu Watanabe

14:45 E 16a-2C-4 Applications of surface plasmon resonance to bio-sensing
Tatsuyuki Kamimura, Tatsuya Tsunoda, Hiroshi Shiga, Tatsuhiro Teranishi
1.Osaka Prefecture Univ.

15:00 E 16a-2C-5 SERS sensor for detecting influenza A
Yoshie Harada
1.NIMS, Tsukuba, Japan, 2.Tokai University, 3.FRONT SCI., NSTDA, 4.Mahidol University

15:15 休息 / Break

15:30 E 16a-2C-6 [JSAP-OSA Joint Symposia 2015 Invited Talk] (30min.)
Controlling cell function by light technology
Toshihiko Kushibiki
1.Nat Defense Med Coll

16:00 E 16a-2C-7 Optical Properties of Osmolites with Capsaicin in Visible Window Using Diffuse Reflectance Spectroscopy
Alessio Setteikins, Bya Krasinska
1.Amer State Univ.

16:15 E 16a-2C-8 Deep-ultraviolet light exposure effects on Cu-doped GaN microcavity
PCilak, Manuel Abraham, Ilaa Jose Javier, Juan Miguel de la Oca
1.LAIC Inst. of Astrophysics Optics and Electronics

16:30 E 16a-2C-9 Lanthanide ions for suppressing photodegradation of biological cells under deep-ultraviolet light exposure
Yusuke Kozuki, Yuki Fujita, Nicholas Smith, Satoshi Katsumi
1.Osaka University, 2.JSRKEN, 3.IFReC, Osaka Univ.

16:45 E 16a-2C-10 Dark state dynamics of eGFP investigated by temporally-modulated excitation
Mao Komiya
1.Tokyo Univ. Sci.

4.3 Optical Micro-sensing, Manipulation, and Fabrications

9/14 Mon 13:45 - 18:00 口頭講演 (Oral Presentation) 2C 会場

13:45 E 14p-2C-1 How Optical/Biophysical Complements Biochemical Characterizations in Cellular Mechanobiology?
Arthur Chiu, Yinn-Quan Chen, Muh-Hwa Yang
1.Natl Yang-Ming U.

14:15 E 14p-2C-2 T-shaped suspended silicon nitride microcavity resonator sensor
Ishii Keita, Kenta Nomura, Tatsuya Aoki

14:30 E 14p-2C-3 Biosensor Based on a Photonic Crystal Cavity Resonator
IChiu, Yu Hua, Cheng-Kuo Huang, Keigo Ikezaki
1.Kyoto University

14:45 E 14p-2C-4 Near-field multi-probe diagnosis of subwavelength-scale optoelectronics functionalities
Kazuhito Hori, Kazuharu Oshiyama, Masaru Sakai, Hirotoshi Nejo, Toshiyuki Kobayashi
1.Univ. Yamanashi

15:15 E 14p-2C-5 Ultrathin-walled microbubbles for high sensitivity pressure sensing
Isshiki Yusuke, Jonathan Ward, Sile Nic Chormaic
1.Okawara Institute of Science & Technology

15:30 E 14p-2C-6 Gas Flow Sensor using a Hollow Waveguide Microcavity
Ishii Keita, Kenta Nomura, Tatsuya Aoki
1.Okinawa Institute of Science and Technology

15:45 E 14p-2C-7 Molecular sensitivity of self-assembled monolayers probed by surface plasmon resonance
Ishii, Toru Kakukawa
1.Tokyo Inst. tech.

16:00 休息 / Break

16:15 E 14p-2C-8 Casimir forces between micromechanical components on a silicon chip
Ho Bun Chan, Lu Tang, Kenji Tanaka
1.Hong Kong Univ. of Science and Technology, 2.Princeton University

16:45 E 14p-2C-9 Near-field multi-probe diagnosis of subwavelength-scale optoelectronics functionalities
Kazuhito Hori, Kazuharu Oshiyama, Masaru Sakai, Hirotoshi Nejo, Toshiyuki Kobayashi
1.Univ. Yamanashi

17:15 E 14p-2C-10 Clustering of Microorganisms Using Thermophoresis Marangoni Effect
Ishii Keita, Kenta Nomura, Tatsuya Aoki
1.Okinawa Institute of Science and Technology

17:30 E 14p-2C-11 Change in optical properties by texturing Si compounds by P2 and NO2 gases
Satoshi Tajima, Hisashi Hayashi, Kenji Ikashita, Motosada Suzuki

17:45 E 14p-2C-12 Investigation of ripple pattern formation by Bessel Gaussian fingerprint laser beam on Si and AI surface in submicron meter scale: polarization effect
MIZHota Sekiguchi, Hiroki Yoneya, Hiroshi Nosewaki, Yuya Asakura, Takashi Yagi
1.Tokai Univ.

4.4 Bio- and Medical Photonics
4.4 Opto-electronics

9/14(Mon.) 13:45 - 19:45 | 口頭演講(Oral Presentation) 2F会場


14:45 | E 14p-2D-3 | Controlling the Directionality of Spontaneous Emission by Evanescent Wave Coupling | Xue-Lun Wang, Guo-Dong Hao, Naya Toda | I.AST

15:00 | E 14p-2D-4 | Interplay between Förster energy migration and defect concentration in shaping a photochemical funnel in PVK | Sugaeta Sato, Binan Bagchi | I.Kurashiki Univ., Z.Ian Inst. of Science

15:15 | E 14p-2D-5 | Color tunable persistent luminescence of Ce-Cr co-doped gemet phosphors | Kazuki Asami, Jumpei Ueda, Setsuhana Tanabe | I.Kyoto Univ.

15:30 | E 14p-2D-6 | Ge/SiGe Quantum-Well Photodetectors on Si for C-band Telecommunications | Shao-Wei Chen, Chie-Ho Tsai, Guo-Er Chang | I.Nat. Cheng Ching Univ.


16:00 | E 14p-2D-8 | Characterization of the Hybrid Si/ GaN Microring Resonator with Asymmetric Vertical Coupling | D.Chrisleben, Thubalthong, Takashi Sasaki, Kazuhiro Han | I.Tokyo Univ.

16:15 | E 14p-2D-9 | Performance Improvement of Miniature Stationary Fourier Transform Spectrometer using Resolution Enhancement Algorithm | Zhi-mei Qi, Xin Wang, Jiyang Li, Dan-feng Lai | I.State Key Laboratory of Transducer Technology, Institute of Electronics, Chinese Academy of Sciences

16:30 | 休憩 /Break

16:45 | E 14p-2D-10 | [JSAAP-OSA Joint Symposium 2015 Invited Talk] (30min.) | Directly Modulated Membrane Lasers on Si | Shizichi Matsuo, Takuro Fuji, Koji Takeda | I.NTT Corporation

17:15 | E 14p-2D-11 | [JSAAP-OSA Joint Symposium 2015 Invited Talk] (30min.) | Nonlinear microresonators: towards integrated ultrafast optical clocks | Sai Tai Chu, Alessia Pasquale, Marco Pecchiari, Jin Li, David J Moss, Roberto Morandotti | I.City University of Hong Kong, Hong Kong, China, 2.University of Sussex, 3.RMIT University, Australia, 4.NRS – EMT, Canada

17:45 | E 14p-2D-12 | Sub-kHz linewidth lasers using integrated Si$_3$N$_4$/Si resonators | D.Chrisleben, Daryl Spencer, John Browns | I.U.C Santa Barbara


18:30 | E 14p-2D-14 | Measurement of relative humidity using Gelatin-coated multi-layer fiber | D.Chrisleben, Satoru Ito, Saba Khan, Partha Roy | I.Indian Institute of Technology Kharagpur

18:45 | E 14p-2D-15 | Propagation through chiro-ferrite slab waveguides | D.Osada, Chin Hsu, Kinjiro Imanishi | I.JMEN, UMR, Malaysia

19:15 | E 14p-2D-16 | Transmission of light through an anisotropic medium | D.Osada, Anika Gaur, Vipul Rastogi | I.LIT Bhiwadi


19:45 | E 14p-2D-18 | Absolute distance measurement by two-color heterodyne pulse-to-pulse interferometry of optical frequency combs | Lei Liao, Guangqiao Xu, Guanhu Wu | I.Tsinghua Univ.

15:15(Thu.) 13:45 - 19:45 | 讲演会場 (Oral Presentation) 2D会場

13:45 | E 15p-2F-1 | 【OSA President Special Lectures】(60min.) | Intense light-matter interactions in photonic crystal and microstructured fibres | Philip Russell | I.Max-Planck-Institute for the Science of Light

14:15 | 休憩 /Break

15:00 | E 15p-2F-2 | [JSAAP-OSA Joint Symposium 2015 Invited Talk] (30min.) | Subwavelength light focusing and imaging via wavefront shaping | Yong Keun Park | I.KAIST

15:30 | E 15p-2F-3 | High Contrast Digital Holographic Microscopy by use of Femtosecond Pulse Light | P’Dhali Bhiresh, Hirotsugu Yamamoto | I.Tokushima Univ., Z.Utsunomiya Univ.


16:00 | E 15p-2F-5 | Reconstruction of complex-amplitude from quantized diffraction patterns by one-shot ptychography | Mio Fukai | I.Osaka Univ.

16:15 | E 15p-2F-6 | Spatiotemporal Erik in optical frequency comb imaging | P’Qiang Zhao, Yoshi Hayasaki | I.CORE Utsunomiya University

16:30 | E 15p-2F-7 | Single-shot multidimensional phase imaging with a coded aperture | Ryuchi Hibara, Jun Tanida | I.Osaka Univ.

16:45 | E 15p-2F-8 | Ultrasonic dense imaging | Guang-Jie Zhai, Wen-Kai Yu, Qian Zhao | I.CSAR, CAS, 2.BIT

17:15 | 休憩 /Break

17:30 | E 15p-2F-9 | [JSAAP-OSA Joint Symposium 2015 Invited Talk] (30min.) | Researches for ultra-realistic communication system in NICT | Koji Yama moto | I.NICT

18:00 | E 15p-2F-10 | Optically Controlled Quantum-Dot-Based Volumetric Display Exhibiting Multiple Patterns | Ryujirou Hirayama, Atsushi Shihori, Makoto Nanao, Hirotsugu Yamamoto, Naya Toda, Takashi Kukita, Tomoyoshi Shimohara, Tomoyoshi Ito | I.Chiba Univ., 2.NICT, 3.Kyushu Univ.

18:15 | E 15p-2F-11 | Monte Carlo simulation for speckle reduction using moving diffuser | Shigeo Kohata, Koji Suzuki, Yasuhiro Tomita, Tatsuo Fukai | I.Oxide Corporation

18:30 | E 15p-2F-12 | Wave-front tomography for a movie on a high-frame-rate LED display | Masashi Takahashi, Hirotsugu Yamamoto | I.Utsunomiya Univ., Z.JST, CREST

18:45 | E 15p-2F-13 | Converging light, thermal and sound wave by 2 types crossed mirror array | Ryosuke Kujimaita, Haruki Mizunaka, Shiro Sugiyama, Hirotsugu Yamamoto | I.Tokushima Univ., Z.Utsunomiya Univ.

19:00 | E 15p-2F-14 | Genic-observation of hands-written strokes by using coaxial illumination module and compound-eye image-capturing system | Yoshihito Akai, Yoshiyasa Hogushikawa, Jun Tanida | I.NRRS, 2.Osaka Univ.

9:15 (Tue.) 9:00 - 12:15 口頭講演（Oral Presentation）2D会場

9:00 招 E 15a-2D-1 [JSAP-OSA Joint Symposia 2015 Invited Talk] (30min.)
Nanocarbon-based light emitters for integrated optoelectronics and optical communications
O Hideyuki Maki 1
1.Kaio Univ.

10:00 E 15a-2D-2 Structure Dependence of CNT Forests on Optical and THz Properties
Hiroshi Furuta 1, Ranzuki Sekiya 1, Adam Pandey 1, Hiroki Miyajima 1, Yuji Kusumoto 1, Junzou Uehori 1, Akimitsu Hatta 1, Keiroke Takano 1, Makoto Nakajima 1

10:15 E 15a-2D-3 Application of Single Wall Carbon Nanotubes with Small Molecule Organic Solar Cells
IClement DELACOUR 2, Joni Yatsuka 2, Shigee Matsuura 1
1.The University of Tokyo

10:30 E 15a-2D-4 Optical properties of Cu2ZnSnS growth, optical identification and nanocomposites
OPortuguese Dhoulvaigaman 1, Kartihkeyan Rajai 1, Prakash Netarajun 1, Tadanobu Koyama 1, Yasushisaku Hayakawa 1, 2
1.RIE, Shizuoka university, 2.GGSST, Shizuoka university

10:45 休憩 /Break

11:00 招 E 15a-2D-5 [JSAP-OSA Joint Symposia 2015 Invited Talk] (30min.)
Plasmon damping in graphene
O Huguen Yan 1
1.Department of Physics, Fudan University

11:30 招 E 15a-2D-6 Resonant Emission and Detection of Tenertzha Radiation from Double Graphene Layer Heterostructures
IDSnehaa Yadav 1, Steven Arnold 1, Stephanie Bourgoin Tembel 1, Takashi Watanabe 1, Victor Ryzhii 1, Takashi Ota 1

11:45 E 15a-2D-7 Gas Adsorption Dynamics in Graphene by Laser THz Emission Spectroscopy
ICDMItoshi Baguiani 1, Andrew Winchester 1, Sijoy Ghosh 1, Xiang Zhong 1, Lulu Ma 2, Miljko Wang 2, Iwao Kawayama 2, Hiroshi Munkami 2, Saikat Takatapu 1, Robert Vajt 1, Peter Heiney 1, Junichiro Kono 2, 3, Masayoshi Toneguchi 2, 3
1.University of Tennessee, 2.Rice Univ., 3.NIMS

12:00 E 15a-2D-8 Numerical analysis of a sensitive biosensor based on metal–graphene surface plasmon resonance
SDIchhammad TOLOUE TOULOUSI 1, Anthony Centeno 2
1.MJBT, UTM Univ.

9:15 (Tue.) 15:00 - 17:45 口頭講演（Oral Presentation）2D会場

10:30 E 15a-2D-3 Observation and Characterization of Exonic states in high-quality WS2 Atomic Layers
Mitsuhiko OKADA 1, Yuhei Miyashita 1, Kenji Watanabe 1, Takashi Taniguchi 1, Kazunari Matsuda 1, Hiroki Hibino 1, Takashi Takano 2, Masaaki Ashida 2

10:45 E 15a-2D-4 Structure Dependence of CNT Forests on Optical and THz Properties
Hiroshi Furuta 1, Ranzuki Sekiya 1, Adam Pandey 1, Hiroki Miyajima 1, Yuji Kusumoto 1, Junzou Uehori 1, Akimitsu Hatta 1, Keiroke Takano 1, Makoto Nakajima 1

11:00 招 E 15a-2E-1 [JSAP-OSA Joint Symposia 2015 Invited Talk] (30min.)
High-Freq. Semic. Elec., Russia

11:15 E 15a-2E-2 Recent progress on the generation of ultrabroadband coherent infrared Generation
TSUENTSE LIN 1, 3, Shin'ichiro Hayashi 1, Mikiya Kato 2, Keisuke Takano 1

11:45 E 15a-2E-3 Experimental Visualization of Beam-collimating Effect by Metal Hole Structures
O (P)Yuma Takida 1, (P)Shinichiro Mouri 2, (D)Xiang Meng 3, (DC)Hidenori Saitou 2, (D)Deepika Yadav 3, (DC)Filchito Bagsican 1, (DC)Thangaraju Dheivasigaman 1
1.Institute for Laser Science, 2.Kyoto Univ., 3.NIMS

1:15 E 15a-2E-4 Optimal 1D Microcavity Structure for THz Emission from Optically Injection seeded THz spectrometer for mail inspection
Sharafu Deych 1, Takato Hotta 1, Takashi Taniguchi 1, Hiroki Hibino 1, Takashi Takano 2, Masaaki Ashida 2

12:00 E 15a-2E-5 PLC3Microring-resonator THz generation and detection
OPortuguese Dhoulvaigaman 1, Kartihkeyan Rajai 1, Prakash Netarajun 1, Tadanobu Koyama 1, Yasushisaku Hayakawa 1, 2
1.RIE, Shizuoka university, 2.GGSST, Shizuoka university

12:15 E 15a-2E-6 THz detection by GeTo/ShToTe1 interfocal phase change materials
OPortuguese Dhoulvaigaman 1, Kartihkeyan Rajai 1, Prakash Netarajun 1, Tadanobu Koyama 1, Yasushisaku Hayakawa 1, 2
1.RIE, Shizuoka university, 2.GGSST, Shizuoka university

12:30 E 15a-2E-7 Gain Measurement of Stimulated Phonon-Polariton Scattering in MgO2LNH2, for High-Power-Wave Terahertz-Wave Parametric Generation
OPortuguese Dhoulvaigaman 1, Kurt Ichiki Nova 1, Yu Koyama 1, Takashi Notake 1, Shin'ichirou Hayashi 1, Hiroshi Munkami 2
1.University of Tokyo

12:45 E 15a-2E-8 Application of Single Wall Carbon Nanotubes with Small Molecule Organic Structures
OPortuguese Dhoulvaigaman 1, Kartihkeyan Rajai 1, Prakash Netarajun 1, Tadanobu Koyama 1, Yasushisaku Hayakawa 1, 2
1.RIE, Shizuoka university, 2.GGSST, Shizuoka university

13:00 E 15a-2E-9 Numerical analysis of a sensitive biosensor based on metal–graphene surface plasmon resonance
SDIchhammad TOLOUE TOULOUSI 1, Anthony Centeno 2
1.MJBT, UTM Univ.

13:15 E 15a-2E-10 Structure Dependence of CNT Forests on Optical and THz Properties
Hiroshi Furuta 1, Ranzuki Sekiya 1, Adam Pandey 1, Hiroki Miyajima 1, Yuji Kusumoto 1, Junzou Uehori 1, Akimitsu Hatta 1, Keiroke Takano 1, Makoto Nakajima 1

Photonics of two-dimensional materials beyond graphene
O Qiaoliang Bai 1, 2, Yupeng Zhang 1, Yuzhou Xue 3, 1.Columbia University
1.University of Tokyo, 2.Riken, 3.KENS, RIKEN

13:45 E 15a-2E-6 Optical identification of grain boundaries of monolayer MoS2 growth and optical properties of high-quality monolayer WS2 on graphene
OPortuguese Dhoulvaigaman 1, Kartihkeyan Rajai 1, Prakash Netarajun 1, Tadanobu Koyama 1, Yasushisaku Hayakawa 1, 2
1.University of Tokyo, 2.Riken, 3.RIKEN

14:00 E 15a-2E-7 Gain Measurement of Stimulated Phonon-Polariton Scattering in MgO2LNH2, for High-Power-Wave Terahertz-Wave Parametric Generation
OPortuguese Dhoulvaigaman 1, Kurt Ichiki Nova 1, Yu Koyama 1, Takashi Notake 1, Shin'ichirou Hayashi 1, Hiroshi Munkami 2
1.University of Tokyo

14:15 E 15a-2E-8 Application of Single Wall Carbon Nanotubes with Small Molecule Organic Structures
OPortuguese Dhoulvaigaman 1, Kartihkeyan Rajai 1, Prakash Netarajun 1, Tadanobu Koyama 1, Yasushisaku Hayakawa 1, 2
1.RIE, Shizuoka university, 2.GGSST, Shizuoka university

14:30 招 E 15a-2E-5 [JSAP-OSA Joint Symposia 2015 Invited Talk] (30min.)
Photonics of two-dimensional materials beyond graphene
O Qiaoliang Bai 1, 2, Yupeng Zhang 1, Yuzhou Xue 3, 1.Columbia University
1.University of Tokyo, 2.Riken, 3.KENS, RIKEN

14:45 E 15a-2E-6 Optical identification of grain boundaries of monolayer MoS2 growth and optical properties of high-quality monolayer WS2 on graphene
OPortuguese Dhoulvaigaman 1, Kartihkeyan Rajai 1, Prakash Netarajun 1, Tadanobu Koyama 1, Yasushisaku Hayakawa 1, 2
1.University of Tokyo, 2.Riken, 3.RIKEN
6.4 薄膜・表面 / Thin Films and Surfaces

シンポジウムはp.53～p.59 ございます。