

## ■海外研究者招待講演

開催日	時間	会場	テーマ	講演者名 (所属)
9/12 (水)	9:00 ~ 9:30	C9 (60)	Continuously graded anisotropy in single $[\text{Fe}_{23}\text{Pt}_{47}]_{100-x}\text{Cu}_x$ films	Josep Nogues (Universitat Autònoma de Barcelona, Spain)
	10:30 ~ 11:00	C9 (60)	Quantifying Spin Hall Effects in Metals	Axel Hoffmann (Argonne National Laboratory, USA)
	14:00 ~ 14:45	E1 (65)	Plasma applications to sterilization and aesthetics	Jae Koo Lee (Pohang Univ. of Sci. and Technology, Korea)

## ■ JSAP-OSA Joint Symposia Invited Talk

開催日	時間	会場	テーマ	講演者名 (所属)
9/11 (火)	9:30-10:10	G2 (117)	Real-Time Raman Endoscopy for In Vivo Diagnosis of Gastric Precancer and Cancer During Clinical Gastroscopic Inspections	Zhiwei Huang (National University of Singapore, Singapore)
	10:45-11:15	G1 (116)	Optical nanofocusing and enhanced Raman scattering in vertical optical antennas	Tian Yang (Shanghai Jiao Tong University, China)
	12:55-13:35	G2 (118)	Improvement of penetration depth and spatial resolution in "in vivo" two-photon microscopy	Tomomi Nemoto (Hokkaido University, Japan)
	13:30-14:00	G1 (116)	Generation of EUV Radiation by Plasmonic Field Enhancement using Funnel-waveguides	Seung-Woo Kim (KAIST, Korea)
9/12 (水)	9:00-10:00	G2 (116)	OSA President Special Lecture: Seeing Electrons in Graphene: A Model 2-Dimensional Material	Tony F. Heinz (Columbia University, USA)
	10:15-10:45	G1 (117)	Optical Properties of Au-Ag core-shell Nanorods on a Solid Surface	Yasuro Niidome (Kyushu University, Japan)
	10:15-10:45	G2 (117)	Nanocarbon photonics for ultrafast pulse generation and signal processing	Shinji Yamashita (The University of Tokyo, Japan)
	10:45-11:15	G2 (117)	Optoelectronic Properties of Single-Wall Carbon Nanotubes	Junichiro Kono (Rice University, USA)
	13:45-14:15	G2 (117)	Optoelectronic properties in low-dimensional carbon materials	Young Hee Lee (Sungkyunkwan University, Korea)
	15:00-15:30	G2 (118)	Ultra-high Resolution Optical Coherence Tomography using Supercontinuum Sources	Norihiko Nishizawa (Nagoya University, Japan)
	15:30-16:00	G1 (116)	Optical nanoimaging through plasmonics and beyond plasmonics	Prabhat Verma (Osaka University, Japan)
	16:30-17:00	G2 (118)	Biomedical Applications of Au Nanorings with Long-wavelength Localized Surface Plasmon Resonance	Chih-Chung Yang (National Taiwan University, Taiwan)
9/13 (木)	9:00-9:30	G2 (118)	Promise on Giant Micro-photonics for Pulse-Gap	Takunori Taira (Institute for Molecular Science, Japan)
	9:30-10:00	G2 (118)	High-Power, High-Brightness Beam Combining of Semiconductor and Fiber Lasers	Tso Yee Fan (MIT Lincoln Laboratory, USA)
	10:45-11:15	G1 (116)	Light propagation and nano-focusing properties in 1D chiral metamaterial	Wei-Chih Liu (National Taiwan Normal University, Taiwan)
	13:30-14:00	G1 (119)	Chromium-Doped Fiber Amplifier (C DFA) and Its Applications for Next Generation Optical Fiber Network	Hidenori Taga (National Sun Yat-Sen University, Taiwan)
	13:45-14:15	G2 (119)	Octave-wide mid-infrared frequency comb source for spectroscopic medical breath analysis	Konstantin Vodopyanov (Stanford University, USA)
	15:45-16:15	G2 (119)	Femtosecond laser direct writing of 3D micro- and nanofluidics for bio-applications	Ya Cheng (Chinese Academy of Sciences, China)
9/14 (金)	9:30-10:00	G2 (120)	Holographic femtosecond laser processing	Yoshio Hayasaki (Utsunomiya University, Japan)
	10:30-11:00	G1 (120)	Ceramic and glass ceramic phosphors for white LEDs	Setsuhisa Tanabe (Kyoto University, Japan)
	13:15-13:45	G2 (120)	Silicon photonic biosensor concept with on-chip wavelength multiplexing	Rainer Hainberger (Austrian Institute of Technology GmbH, Austria)

## ■分科会受賞記念講演一覧

### 放射線奨励賞受賞記念講演

開催日	時間	会場	テーマ	講演者名 (所属)
9/11 (火)	13:30 ~ 13:45	C3 (37)	パルス X 線励起型ストリークカメラシステムの開発	柳田 健之 (東北 大)

### プラズマエレクトロニクス賞受賞記念講演

開催日	時間	会場	テーマ	講演者名 (所属)
9/12 (水)	13:30 ~ 14:00	E1 (65)	低温プラズマプロセスのバイオ・医療応用	永津 雅章 (静岡 大)

### 有機分子・バイオエレクトロニクス分科会奨励賞受賞記念講演

開催日	時間	会場	テーマ	講演者名 (所属)
9/11 (火)	13:00 ~ 13:30	H4 (34)	液晶性を利用した有機多結晶薄膜の作製とそのトランジスタへの応用	飯野 裕明 (東工 大)
9/12 (水)	13:30 ~ 14:00	H3 (81)	表面プラズモン共鳴を利用した生細胞応答センシング	柳瀬 雄輝 (広島 大)