

<b>Friday April.24 Room A</b>		
8:00 -9:00 AM	Breakfast	
<b>Session: Keynote    Chair: Kyong Hon Kim</b>		
8:30 - 9:00 AM	A01: Silicon Nanophotonic Devices for Optical Interconnects and Biosensing	<b>Ray T. Chen</b> The University of Texas at Austin USA
9:00 -9:30 AM	A02: Laser light condensation phenomena	<b>Baruch Fischer</b> Technion - Israel Institute of Technology Israel
9:30 -10:00 AM	A03: On-chip Integrated, Rare-earth-doped High-gain Amplifiers and Narrow-linewidth Lasers	<b>Markus Pollnau</b> KTH - Royal Institute of Technology Sweden
10:00 -10:20 AM	Session Break	
<b>Session: Silicon Photonics I    Chair: Baruch Fischer</b>		
10:20 -10:45 AM	A04: Enhanced four-wave mixing effect in one-dimensional photonic crystal waveguides	<b>Kyong Hon Kim</b> Inha University Korea
10:45 -11:10 AM	A05: All-Optical Signal Processing Based on Nonlinear Optical Effects in Silicon Waveguides	<b>Shiming Gao</b> Zhejiang University China
11:10 -11:35 AM	A06: Towards Higher Integration Density and Smaller Devices for Silicon Photonics	<b>Wei Jiang</b> Nanjing University China
11:35 -12:00 PM	A07: Nonlinear optics and applications in silicon chip	<b>Hongjun Liu</b> Xi'an Institute of Optics and Precision Mechanics, Chinese Academy of Sciences China
12:00 -12:25 PM	A08: Silicon-based reconfigurable true time delay lines and switches	<b>Linjie Zhou</b> Shanghai Jiao Tong University China
12:25 -13:25 PM	Lunch Break	
<b>Session: General I    Chair: Takahiro Numai</b>		

13:25 -13:50 PM	A09: The role of surfaces and interfaces in multifunctional materials	<b>Federico Rosei</b> Université du Québec Canada
13:50 -14:15 PM	A10: Multi-band night vision image understanding based on cognitive computing and information mining	<b>Lianfa Bai</b> Nanjing University of Science and Technology China
14:15 -14:40 PM	A11: Generation and propagation of partially coherent beams with non-conventional correlation functions	<b>Yangjian Cai</b> Soochow University China
14:40 -15:05 PM	A12: Aerosol Profiling by Raman Lidar in Nanjing, China	<b>Nianwen Cao</b> Nanjing University of Information Science and Technology China
15:05 -15:30 PM	A13: THz CW antenna for a photomixer and its application	<b>Han-Cheol Ryu</b> Sahmyook University Korea
15:30 -15:45 PM	Session Break	
<b>Session: Optoelectronic Materials and Devices I    Chair: Lianfa Bai</b>		
15:45 -16:10 PM	A14: Control of Longitudinal and Transverse Modes in Semiconductor Lasers	<b>Takahiro Numai</b> Ritsumeikan University Japan
16:10 -16:35PM	A15: Optical Waveguide Devices for Mode-Division-Multiplexing Applications	<b>Kin Seng Chiang</b> City University of Hong Kong Hong Kong
16:35 -17:00 PM	A16: Potential application of the c-axis tilted cobalt oxide thin films for broadband photodetectors	<b>Guangsheng Fu</b> Hebei University China
17:00 -17:25 PM	A17: Dual-Frequency VECSELs for microwave photonics applications	<b>Fabien Bretenaker</b> Laboratoire Aimé Cotton France
17:30 PM	Dinner Social	

**Saturday April. 25****Room B**

7:20 -8:20 AM	Breakfast	
<b>Session: Optical Design, Waveguide and Integrated Systems I Chair: Xinlong Xu</b>		
8:20 -8:45 AM	B01: Photonic crystal integrated optics	<b>Toshihiko Baba</b> Yokohama National University Japan
8:45 -9:10 AM	B02: Manipulating the light transport in coupled waveguide arrays	<b>Guoquan Zhang</b> Nankai University China
9:10 -9:35 AM	B03: Low loss membrane-based electro-optic photonic waveguides	<b>Nadege Courjal</b> University of Franche-Comté France
9:35 -10:00 AM	B04: Integrated Microwave Photonic Signal Processing	<b>David Marpaung</b> University of Sydney Australia
10:00 -10:20AM	Session Break	
<b>Session: Nanomaterials I Chair: Toshihiko Baba</b>		
10:20 -10:45 AM	B05: Graphene: Manipulate Terahertz Waves	<b>Xinlong Xu</b> Northwest University China
10:45 -11:10 AM	B06: Colloidal Plasmonic Semiconductor Nanocrystals	<b>P.Davide Cozzoli</b> University of Salento & INSTM Italy
11:10 -11:35 AM	B07: Photopolymerizable polymer nanocomposite materials for photonic applications	<b>Yasuo Tomita</b> University of Electro-Communications Japan
11:35 -12:00 PM	B08: Twin-induced Ordered Homojunction for Efficient Solar Hydrogen Production	<b>Maochang Liu</b> Xi'an Jiaotong University China
12:00 -13:20 PM	Lunch Break	
<b>Session: Optical Fibers I Chair: Shiva Kumar</b>		
13:20 -13:45 PM	B09: Lab-on-a-microfiber for multifunctional optical devices	<b>Fei Xu</b> Nanjing University China
13:45 -14:10 PM	B10: Benefit of rare-earth-doped optical fibers nanostructuring for next amplifiers and lasers generation	<b>Mohamed Bouazaoui</b> Université Lille1 France
14:10 -14:35 PM	B11: Self-injection locked single-frequency phosphate fiber laser and its intensity noise properties	<b>Shanhui Xu</b> South China University of Technology China

14:35 -15:00 PM	B12: Photonic signal processing for modern radar systems	<b>Weiwon Zou</b> Shanghai Jiao Tong University China
15:00 -16:00 PM	Poster Session	
<b>Session: Optical Transport I Chair: Fei Xu</b>		
16:00 -16:25PM	B13: Digital and optical compensation of fiber nonlinear impairments in coherent fiber optic systems	<b>Shiva Kumar</b> McMaster University Canada
16:25 -16:50PM	B14: Making structured metals transparent for white light	<b>Ru-Wen Peng</b> Nanjing University China
16:50 -17:15PM	B15: Mode Multiplexing Communication System based on Few-mode FBG	<b>Guijun Hu</b> Jilin University China
17:30 PM	Dinner Social	

**Saturday April. 25****Room C**

7:20 -8:20 AM	Breakfast	
<b>Session: Silicon Photonics II Chair: Roberto Morandotti</b>		
8:20 -8:45AM	C01: Whispering gallery microresonator to give a new twist to silicon photonics	<b>Lorenzo Pavesi</b> University of Trento Italy
8:45 -9:10AM	C02: Teaching Silicon New Opportunities	<b>Stefano Ossicini</b> Universita' di Modena e Reggio Emilia Italy
9:10 -9:35AM	C03: Er silicate light source for silicon photonics	<b>Xingjun Wang</b> Peking University China
9:35 -10:00 AM	C04: Recent progress in M-ary optical signal processing using silicon photonic devices	<b>Jian Wang</b> Huazhong University of Science and Technology China
10:00 -10:20 AM	Session Break	
<b>Session: General II Chair: Lorenzo Pavesi</b>		
10:20 -10:45AM	C05: Novel classical and quantum phenomena in nonlinear ring resonators	<b>Roberto Morandotti</b> INRS Canada
10:45 -11:10AM	C06: Time-Frequency Coherence for Optical Signal Processing	<b>Thomas Schneider</b> TU Braunschweig, Institut für Hochfrequenztechnik Germany
11:10 -11:35AM	C07: Novel Electrochromism toward Color e-Paper and Energy-saving Technology	<b>Norihisa Kobayashi</b> Chiba University Japan
11:35 -12:00 PM	C08: Evolutionary Photonics: from chaotic energy harvesting to dark nanomaterials	<b>Andrea Fratolocchi</b> King Abdullah University of Science and Technology Saudi Arabia
12:00 -13:20 PM	Lunch Break	
<b>Session: Nanomaterials II Chair: Jacqueline M. Cole</b>		

13:20 -13:45 PM	C09: Upconversion Nanoparticles: Nanophotonic Control for Bioimaging Applications	<b>Guanying Chen</b> Harbin Institute of Technology China
13:45 -14:10 PM	C10: 2D Nanooptics on graphene	<b>Pablo Alonso-Gonzalez</b> CIC nanoGUNE Consolider Spain
14:10 -14:35 PM	C11: Guiding, bending and splitting light through a silicon nanorod array	<b>Wei Li</b> Shanghai Institute of Microsystem and Information Technology, CAS China
14:35 -15:00 PM	C12: Directly metering light absorption and heat transfer in single nanowires using metal-insulator transition in VO <sub>2</sub>	<b>Chun Cheng</b> South University of Science and Technology of China China
15:00 -16:00 PM	Poster Session	
<b>Session: Optoelectronic Materials and Devices II Chair: Pablo Alonso-Gonzalez</b>		
16:00 -16:25 PM	C13: Designing New Classes of Dyes for Dye-Sensitized Solar Cells: A Molecular Engineering Approach	<b>Jacqueline M. Cole</b> University of Cambridge UK
16:25 -16:50 PM	C14: Calibration-free microwave characterization of high-speed optoelectronic devices	<b>Shangjian Zhang</b> University of Electronic Science and Technology of China China
16:50-17:15 PM	C15: Thin-Film Amorphous Silicon Solar Cells on Nanopatterned Substrates	<b>Dongdong Li</b> Shanghai Advanced Research Institute, Chinese Academy of Sciences China
17:30PM	Dinner Social	

**Saturday April. 25  
Room D**

7:20 -8:20 AM	Breakfast	
<b>Session: Optical Fibers † II Chair: Jianxin Zhu</b>		
8:20 -8:45 AM	D01: Manipulating the shape of optical pulses and generating the single-pulse supercontinua in microstructured specialty optical fibers	<b>Igor A. Sukhoivanov</b> University of Guanajuato Mexico
8:45 -9:10 AM	D02: Biomedical fiber optics	<b>Daniele Tosi</b> Nazarbayev University Kazakhstan
9:10 -9:35 AM	D03: Phase-Shifted Fiber Gratings and Their Applications to Fiber Ring Laser and Fiber Sensors	<b>Hongpu Li</b> Shizuoka University Japan
9:35 -10:00 AM	D04: Tunable microwave photonics filter with single rectangular passband and high rejection ratio	<b>Lilin Yi</b> Shanghai Jiao Tong University China
10:00 -10:20 AM	Session Break	
<b>Session: Optical Design, Waveguide and Integrated Systems II Chair: Igor A. Sukhoivanov</b>		
10:20 -10:45 AM	D05: Optical waveguides in dielectric crystals: fabrication and applications	<b>Yang Tan</b> Shandong University China
10:45 -11:10 AM	D06: High-precision Computation of Eigenmodes in Optical Waveguides	<b>Jianxin Zhu</b> Zhejiang University China
11:10 -11:35 AM	D07: Illumination system design by the one-time ray-tracing optimization method	<b>Shu-Chun Chu</b> National Cheng-Kung University Taiwan
11:35 -12:00 PM	D08: Unidirectional flow of solitons in waveguide arrays	<b>Usama Gh. S. AL Khawaja</b> United Arab Emirates University UAE
12:00 -13:20 PM	Lunch Break	
<b>Session: Optoelectronic Materials and Devices III Chair: Jin Zhang</b>		
13:45 -14:10 PM	D09: Incorporating coated plasmonic elements into Organic Photovoltaic devices	<b>Yanxia Cui</b> Taiyuan University of Technology China
14:10 -14:35 PM	D10: Narrow band-gap colloidal quantum dots-based photodetectors and solar cells	<b>Shengyi Yang</b> Beijing Institute of Technology China

14:35 -15:00 PM	D11: Metasurface based THz wavefront modulation devices	<b>Yan Zhang</b> Capital Normal University China
15:00 -16:00 PM	Poster Session	
<b>Session: General III Chair: Shengyi Yang</b>		
16:00 -16:25 PM	D12: Development of Bioluminescent Sensor for Rapidly Detecting Thrombin	<b>Jin Zhang</b> Western University Canada
16:25 -16:50 PM	D13: Dielectric–Metallic Hybrid Nanostructures with Intriguing Optical Response	<b>Huanjun Chen</b> Sun Yat-sen University China
17:30 PM	Dinner Social	

**Saturday April. 25  
Room E**

7:20 -8:20AM	Breakfast	
<b>Session: Optical Sensors I Chair: Xuewen Shu</b>		
8:20 -8:45 AM	E01: Dynamic optical fiber sensors based on wavelength-swept laser	<b>Min Yong Jeon</b> Chungnam National University Korea
8:45 -9:10 AM	E02: Label-free imaging of small drug molecules using phase-sensitive coherent Raman microspectroscopy	<b>Kazuhiko Misawa</b> Tokyo University of Agriculture and Technology Japan
9:10 -9:35 AM	E03: LumiConSense: towards a fully transparent, flexible, and scalable thin-film image-sensor	<b>Oliver Bimber</b> Johannes Kepler University Linz Austria
9:35 -10:00 AM	E04: Label free immune sensor using laser-excited terahertz technology	<b>Toshihiko Kiwa</b> Okayama University Japan
10:00 -10:20 AM	Session Break	
<b>Session: Optical Fibers † III Chair: Kazuhiko Misawa</b>		
10:20 -10:45 AM	E05: Fiber Bragg gratings designed for optical signal processing	<b>Xuewen Shu</b> Huazhong University of Science and Technology China
10:45 -11:10 AM	E06: Femtosecond Fiber Bragg grating for bio-chemical sensing application	<b>Karima Chah</b> Université de Mons Belgium
11:10 -11:35AM	E07: Er-doped fiber laser with divided pulse amplification	<b>Wenxue Li</b> East China Normal University China
11:35 -12:00 PM	E08: Quantum light sources based on optical fibers and silicon devices	<b>Wei Zhang</b> Tsinghua Univeristy China
12:00 -13:20 PM	Lunch Break	
<b>Session: Topological Phenomena in Photonics I Chair: I-Jen Hsu</b>		
13:45 -14:10 PM	E09: Structured beams generated from laser cavities	<b>Ting-Hua Lu</b> National Taiwan Normal University Taiwan

14:10 -14:35 PM	E10: Spectrum and spectral coherence signatures of surface plasmons in linear and nonlinear plasmonics	<b>Sergey Ponomarenko</b> Dalhousie University Canada
14:35 -15:00 PM	E11: Probing orbital angular momentum entangled photon pairs with holograms	<b>Yoko Miyamoto</b> The University of Electro-Communications Japan
15:00 -16:00 PM	Poster Session	
<b>Session: General VI Chair: Ting-Hua Lu</b>		
16:00 -16:25PM	E12: High-sensitivity surface profiler based on the technique of composite interferometer	<b>I-Jen Hsu</b> Chung Yuan Christian University Taiwan
16:25 -16:50PM	E13: To be determined	<b>Jianfeng Li</b> University of Electronic Science and Technology of China China
16:50 -17:15PM	E14: An effective modulation of THz radiation based on dipolariton	<b>Wei Zhang</b> Institute of Applied Physics and Computational Mathematics China
17:30PM	Dinner Social	

**Saturday April. 25  
Room F**

7:20 -8:20 AM	Breakfast	
<b>Session: General V Chair: Felicia Iacomi</b>		
8:20-8:45AM	F01: Quantum Optics in Coupled Optical Waveguides	<b>Gautam Vemuri</b> Indiana University Purdue University Indianapolis USA
8:45 -9:10 AM	F02: Tunable-diode-laser- spectroscopy applied to food packaging and bottling systems	<b>Luca Poletto</b> CNR-Institute of Photonics and Nanotechnologies Italy
9:10 -9:35 AM	F03: Electronic band structure of twisted multi-layer graphenes probed by resonant Raman scattering	<b>Pingheng Tan</b> Institute of Semiconductor, Chinese Academy of Sciences China
9:35 -10:00 AM	F04: Design and Simulation of 250nm Nitride Laser Diode Structure With Metal Cladding Layer	<b>Bowen Cheng</b> Weifang University Taiwan
10:00-10:20 AM	Session Break	
<b>Session: Optoelectronic Materials and Devices IV Chair: Luca Poletto</b>		
10:20-10:45AM	F05: Oxide Thin Films for Optoelectronic and Spintronic Devices	<b>Felicia Iacomi</b> Alexandru Ioan Cuza University Romania
10:45 -11:10 AM	F06: Phase Change Materials and their Mixed-Mode properties	<b>Harish Bhaskaran</b> University of Oxford UK
11:10 -11:35 AM	F07: InP nanowire array solar cells by selective area epitaxy	<b>Lan Fu</b> Australian National University Australia
12:00-13:20 PM	Lunch Break	
<b>Session: Optoelectronic Physics I Chair: Tun Cao</b>		
13:45-14:10 PM	F08: Photonic spin-hall effect and surface plasmon coupler with high efficiency	<b>Shulin Sun</b> Fudan University China
14:10-14:35 PM	F09: Broad-band Real-time Vibrational Spectroscopy in Conjugates of the Nanoparticles	<b>Juan Du</b> Shanghai Institute of Optics and Fine Mechanics, CAS China

14:35 -15:00 PM	F10: Thermoreflectance microscopy and applications for thermal characterization of semiconductor devices	<b>Ki Soo Chang</b> Korea Basic Science Institute Korea
15:00-16:00 PM	Poster Session	
<b>Session: General VI Chair: Juan Du</b>		
16:00-16:25 PM	F11: High-precision measurement of low reflectivity specular object by the extended phase measuring deflectometry	<b>Huimin Yue</b> University of Electronic Science and Technology of China China
16:25-16:50 PM	F12: Tunable metamaterial perfect absorber using topological insulator	<b>Tun Cao</b> Dalian University of Technology China
16:50-17:15 PM	F13:Light Confinement in Nanostructured Optical Fiber Tapers	<b>Ming Ding</b> Beihang University China
17:30 PM	Dinner Social	

<b>Saturday April. 25</b>		
<b>Room G</b>		
7:20-8:20 AM	Breakfast	
<b>Session: Optoelectronic Materials and Devices V Chair: Fang Li</b>		
8:20 - 8:45AM	G01: Computational Chemistry in Optoelectronic materials	<b>Jyh-Chiang Jiang</b> National Taiwan university of science and technology Taiwan
8:45 - 9:10AM	G02: Selected organic materials for optoelectronics	<b>Ewa Schab-Balcerzak</b> University of Silesia, Centre of Polymer and Carbon Materials Polish Academy of Science Poland
9:10 - 9:35AM	G03: Organic semiconductors for non-linear optics	<b>Anca Stanculescu</b> National Institute of Materials Physics Romania
9:35 - 10:00 AM	G04: Electronic structure of GaAsN <sub>Bi</sub> /GaAs quantum well: Promising semiconductor for the near-infrared optoelectronic devices	<b>Weijun Fan</b> Nanyang Technological University Singapore
10:00 -10:20AM	Session Break	
<b>Session: Optoelectronic Physics II Chair: Jyh-Chiang Jiang</b>		
10:20 -10:45 AM	G05: Fluorescence Resonance Energy Transfer between CdTe quantum dots and Organic Dye	<b>Fang Li</b> Wuhan Institute of Technology China
10:45 -11:10 AM	G06: Study of the optical spin and current injection on semiconductor surfaces	<b>Norberto Arzate</b> Centro de Investigaciones en Óptica Mexico
11:10 -11:35 AM	G07: Metal/Semiconductor Hetero-nanocrystals and Their Optoelectronic Properties Tailoring	<b>Jiatao Zhang</b> Beijing Institute of Technology China
11:35 -12:00 PM	G08: Luminescence of Oxide Glasses Containing ns <sup>2</sup> -type Emission Center	<b>Hirokazu Masai</b> Kyoto University Japan
12:00 -13:20 PM	Lunch Break	
<b>Session: Optical Sensors II Chair: Chaoyang Wei</b>		
13:20 -13:45 PM	G09: Ultra-long-distance distributed fiber sensing	<b>Zinan Wang</b> University of Electronic Science and Technology of China

		China
13:45 -14:10 PM	G10: Biosensor based on total internal reflection imaging ellipsometry	<b>Gang Jin</b> Institute of Mechanics, CAS China
14:10 -14:35 PM	G11: Mirofiber and nanowire optical sensors	<b>Lei Zhang</b> Zhejiang University China
14:35 -15:00PM	G12: Optical signal processing for improved fiber optic sensing	<b>Jiangbing Du</b> Shanghai Jiao Tong University China
15:00-16:00PM	Poster Session	
<b>Session: General VII    Chair: Gang Jin</b>		
16:00-16:25PM	G13: To be determined	<b>Chaoyang Wei</b> Shanghai Institute of Optics and Fine Mechanics, Chinese Academy of Sciences China
16:25-16:50PM	G14: Fabrication of multi-wavelength DFB laser arrays by SAG technique	<b>Song Liang</b> University of Chinese Academy of Sciences China
16:50-17:15PM	G15: Frequency Conversion in Slow Light Photonic Crystal waveguides	<b>Liam O'Faolain</b> University of St Andrews UK
17:30PM	Dinner Social	

<b>Sunday April.26 Room B</b>		
7:20-8:20A M	Breakfast	
<b>Session: Optoelectronic Physics III Chair: Magnus Karlsson</b>		
8:45-9:10AM	B16: Plasmon Nanooptics with Pristine and Hybrid Nanotube Systems. Theoretical Development and Perspectives	<b>Igor Bondarev</b> North Carolina Central University USA
9:10-9:35AM	B17: Polarization properties in aperture-less type scanning near-field optical microscopy	<b>Takayuki Ishibashi</b> Nagaoka University of Technology Japan
9:35-10:00 AM	B18: Research and Design of photonic devices based on optical Tamm plasmon	<b>Weili Zhang</b> University of Electronic Science and Technology China
10:00-10:20AM	Session Break	
<b>Session: Optical Transport II Chair: Igor Bondarev</b>		
10:20-10:45AM	B19: Power-efficient modulation formats based on coherent four-dimensional signaling	<b>Magnus Karlsson</b> Chalmers University of Technology Sweden
10:45-11:10AM	B20: Fiber based ultra-stable frequency dissemination and its applications	<b>Bo Wang</b> Tsinghua University China
11:10-11:35AM	B21: Fiber Fault Location Based on Correlation Detection and Its Application to the Real-time/Multi-faults/Long-distance Monitoring of WDM Passive Optical Network	<b>Xiaogang Yi</b> Taiyuan University of Technology China
12:00-13:20 PM	Lunch Break	
<b>Session: Optical Fibers IV Chair: Chunlin Yang</b>		
13:45 -14:10 PM	B22: Switching of Ultrashort Pulses in Nonlinear High-Birefringence Two-Core Optical Fibers	<b>Jinhua Li</b> Nanjing University of Information Science and Technology China
14:10 -14:35 PM	B23: Tunable multi-passband microwave photonic filters	<b>Hong-Yan Fu</b> Xiamen University China

14:35 -15:00PM	B24: Graphene-Microfiber hybrid waveguide design and its application	<b>Xiaoying He</b> Fudan University China
15:00-15:20PM	Session Break	
<b>Session: General VIII Chair: Jinhua Li</b>		
15:20-15:45PM	B25: The beam control technology in high power laser system	<b>Chunlin Yang</b> Chengdu Fine Optical Engineering Research Center China
15:45-16:10PM	B26: Design and Analysis of Thin film Silicon Solar Cells using Triangular Back Grating Reflector	<b>Raghvendra Dubey</b> Swarnandhra College of Engineering and Technology India
16:10-16:35PM	B27: Photonic Analog Signal Operators	<b>Ming Li</b> Institute of Semiconductor, CAS China
17:30PM	Dinner Social	

<b>Sunday April.26</b>		
<b>Room C</b>		
7:20-8:20A M	Breakfast	
<b>Session: LEDs I    Chair: Pierre Ruterana</b>		
8:20-8:45AM	C16: Novel LEDs using Ge doping	<b>Andre Strittmatter</b> University of Magdeburg Germany
8:45-9:10AM	C17: Radiative and nonradiative recombination processes in III-nitride quantum wells	<b>Andreas Hangleiter</b> Technische Universität Braunschweig Germany
9:10-9:35AM	C18: Three-dimensional studies of III-N heterostructures by atom probe tomography and correlated transmission electron microscopy and optical spectroscopy	<b>Lorenzo Rigutti</b> Université de Rouen France
9:35-10:00 AM	C19: Nanoscale luminescence characterization of III-nitride based quantum heterostructures	<b>Gordon Schmidt</b> University of Magdeburg Germany
10:00-10:20AM	Session Break	
<b>Session: LEDs II    Chair: Andreas Hangleiter</b>		
10:20-10:45AM	C20: Nitride semiconductors alloys and growth issues for high performance light emitting devices	<b>Pierre Ruterana</b> CNRS-ENSICAEN France
10:45-11:10AM	C21: Optical properties of high quality GaN-Al <sub>0.5</sub> Ga <sub>0.5</sub> N with (11-22) semipolar orientation	<b>Bernard Gil</b> Université Montpellier 2 France
11:10-11:35AM	C22: Properties of LEDs Grown on Nonpolar and Semipolar Orientations	<b>Ingrid Koslow</b> Institut für Festkörperphysik Germany
11:35-12:00PM	C23: Time-resolved photoluminescence study of (1-101)-oriented semi-polar AlGa <sub>N</sub> /Ga <sub>N</sub> MQWs	<b>Thierry Bretagnon</b> Université Montpellier 2 France
12:00-13:20 PM	Lunch Break	

<b>Session: LEDs III    Chair: Chul Sik Kee</b>		
13:20 -13:45 PM	C24: A theoretical study of III-nitride nanowire arrays for emission and detection	<b>Bernd Witzigmann</b> University of Kassel Germany
13:45 -14:10 PM	C25: Novel Method for the Designing of LED Reflector through Structure Equation	<b>Chung-Jen Ou</b> Hsiuping University of Science and Technology Taiwan
14:10 -14:35 PM	C26: Optical properties of GaN/AlN heterostructures and hBN thin-layers probed by cathodoluminescence at the nanometer scale using fast electrons	<b>Luiz Galvao-Tizei</b> Laboratoire de Physique des Solides France
14:35 -15:00PM	C27: Hydrogen effect on the growth of Indium rich layers in MOVPE- detailed TEM study	<b>Slawomir Kret</b> Institute of Physics Poland
15:00-15:20PM	Session Break	
15:20-15:45PM	C28: Core-shell MQW-based GaN nanowires: from growth to novel LED devices	<b>Christophe Durand</b> Université Grenoble Alpes France
<b>Session: General IX    Chair: Bernd Witzigmann</b>		
15:45-16:10PM	C29: Synchronized time-lens source: A new route to label-free nonlinear optical microscopy	<b>Ke Wang</b> Shenzhen University China
16:10-16:35PM	C30: Terahertz wave modulators based on organic materials on Si	<b>Chul Sik Kee</b> Gwangju Institute of Science and Technology Korea
17:30PM	Dinner Social	

**Sunday April.26****Room D**

7:20-8:20A M	Breakfast	
<b>Session: Topological Phenomena in Photonics II Chair: Yasushi Fujimoto</b>		
8:45-9:10AM	D14: Vortex singularimetry	<b>Jorg Gotte</b> Max Planck Institute for the Physics of Complex Systems Germany
9:10-9:35AM	D15:Orbital angular momentum of lights pioneers chiral materials science	<b>Takashige Omatsu</b> Chiba University Japan
9:35-10:00 AM	D16: Entanglement features in spin-orbit laser modes	<b>Antonio Zelaquett Khoury</b> Instituto de Física - Universidade Federal Fluminense Brazil
10:00-10:20AM	Session Break	
<b>Session: Optical Fibers V Chair: Fedor Mitschke</b>		
10:20-10:45AM	D17: New materials and new wavelength fiber lasers.	<b>Yasushi Fujimoto</b> Osaka University Japan
10:45-11:10AM	D18: Ultra-Long-Haul High-Capacity Multi-Core Fiber Transmission with Capacity-Distance Product over 1 Exabit/s•km	<b>Koji Igarashi</b> Osaka University Japan
11:10-11:35AM	D19: Mode-locked lasers using tilted fiber gratings	<b>Zuxing Zhang</b> Nanjing University of Posts and Telecommunications China
11:35-12:00PM	D20: Mode instibility supression in high power all-fiber PM fiber amplifier and scaling power up to 1.5kW with high PER and good beam quality	<b>Xiaolin Wang</b> National University of Defense Technology China
12:00-13:20 PM	Lunch Break	
<b>Session: Silicon Photonics III Chair: Sergei A. Kozlov</b>		
13:45 -14:10 PM	D21: Amorphous silicon photonics for 3D backend optical interconnect	<b>Ryohei Takei</b> National Institute of Advanced Industrial Science and Technology Japan

14:10 -14:35 PM	D22: Silicon Optical routers for Photonic Networks-on-Chip	<b>Lin Yang</b> Institute of Semiconductor, Chinese Academy of Sciences China
14:35 -15:00PM	D23: Slow light in silicon for quantum light sources	<b>Chunle Xiong</b> University of Sydney Australia
15:00-15:20PM	Session Break	
<b>Session: General X Chair: Ray T. Chen</b>		
15:20-15:45PM	D24: Photonic Techniques for Storing, Measuring and Processing Microwave Signals	<b>Xudong Wang</b> Jinan University China
15:45-16:10PM	D25: Data spectral encoding method with pulsed terahertz sources	<b>Sergei A. Kozlov</b> ITMO University Russia
16:10-16:35PM	D26: Synthesis of I-III-VI Semiconductor Nanostructures and their Applications	<b>Xiaosheng Tang</b> Chongqing University China
16:35-17:00PM	D27: Quantum communication with continuous variable	<b>Yongmin Li</b> Shanxi University China
17:30PM	Dinner Social	

<b>Sunday April.26</b>		
<b>Room E</b>		
7:20-8:20A M	Breakfast	
<b>Session: Optical Design, Waveguide and Integrated Systems III Chair: Xiong Wan</b>		
8:45-9:10AM	E15: Numerical Modeling on Nanophotonic Waveguides	<b>Hung-chun Chang</b> National Taiwan University Taiwan
9:10-9:35AM	E16: Coupled waveguide devices using shortcuts to adiabaticity	<b>Shuo-Yen Tseng</b> National Cheng Kung University Taiwan
9:35-10:00 AM	E17: Photonics signal processing based on optical waveguide	<b>Junhe Zhou</b> Tongji University China
10:00-10:20AM	Session Break	
<b>Session: Optical Design, Waveguide and Integrated Systems IV Chair: Hung-chun Chang</b>		
10:20-10:45AM	E18: Design and fabrication of artificial compound eyes (ACE)	<b>Xiong Wan</b> Shanghai Institute of Technical Physics, CAS China
10:45-11:10AM	E19: Formation of chirality in optical microdisk via tailoring the chaotic sea	<b>Qinghai Song</b> Harbin Institute of Technology China
11:10-11:35AM	E20: Design smart windows by using photonic crystals	<b>Arafa H Aly</b> Beni-Suief University Egypt
12:00-13:20 PM	Lunch Break	
<b>Session: Optical Sensors III Chair: Noran Azizan Cholan</b>		
13:45 -14:10 PM	E21: Compact, high resolution, optical rotation polarimeters for medical and analytical uses	<b>Zeev Weissman</b> Shenkar College of Engineering and Design Israel
14:10 -14:35 PM	E22: Microwave photonics filtering technique for Interrogating distributed sensors based on series of FBGs	<b>Salvador Sales</b> Universidad Politécnic de Valencia Spain

14:35 -15:00PM	E23: Nanogauges for Optical Strain Sensors	<b>Thomas Maurer</b> Université de Technologie de Troyes France
15:00-15:20PM	Session Break	
<b>Session: Optical Fibers † VI Chair: Salvador Sales</b>		
15:20-15:45PM	E24: Four wave mixing cascades without external laser sources and modulators	<b>Noran Azizan Cholan</b> Universiti Tun Hussein Onn Malaysia Malaysia
15:45-16:10PM	E25: Tellurite microstructured fibers and their applications	<b>Guanshi Qin</b> Jilin University China
16:10-16:35PM	E26: Fiber Optic Distributed Sensors for Energy Facilities	<b>Il-Bum Kwon</b> Korea Research Institute of Standards and Science Korea
16:35-17:00PM	E27: High power fiber laser operates in tandem-pumping regime	<b>Pu Zhou</b> National University of Defense Technology China
17:30PM	Dinner Social	

<b>Sunday April.26</b>		
<b>Room F</b>		
7:20-8:20A M	Breakfast	
<b>Session: Optical Sensors IV Chair: Yanling Xue</b>		
8:45-9:10AM	F14: Plasmonic fiber optic biochemical sensors	<b>Tuan Guo</b> Jinan University, China
9:10-9:35AM	F15: Ultra-high sensitive trace gas detection based on QEPAS sensor	<b>Yufei Ma</b> Harbin Institute of Technology, China
9:35-10:00 AM	F16: Brillouin dynamic grating for high-accuracy temperature sensing	<b>Kwang Yong Song</b> Chung-Ang University, Korea
10:00-10:20AM	Session Break	
<b>Session: Optoelectronic Materials and Devices VI Chair: Tuan Guo</b>		
10:20-10:45AM	F17: Photorefractive Photonic Microstructures in LiNbO3:Fe Crystal	<b>Yanling Xue</b> East China Normal University China
10:45-11:10AM	F18: Modulation of the optoelectronic properties of two dimensional materials	<b>Zhenhua Ni</b> Southeast University China
11:10-11:35AM	F19: Broadband Terahertz Radiation Based on Ultrafast Photoconductive Antenna	<b>Wen-Hui Fan</b> Xi'an Institute of Optics and Precision Mechanics, Chinese Academy of Sciences China
11:35-12:00PM	F20: Type-II frequency doubling of ReCOB nonlinear optical crystals	<b>Zhengping Wang</b> Shandong University China
12:00-13:20 PM	Lunch Break	
<b>Session: Silicon Photonics IV Chair: Dongya Shen</b>		
13:20 -13:45 PM	F21: Silicon Photonic Modulators – High Performance Architectures and Advanced Concepts	<b>Florian Merget</b> RWTH Aachen University Germany

13:45 -14:10 PM	F22: Optical Interconnection Network Topology and Enabling Optical Devices	<b>Qimin Yang</b> Harvey Mudd College USA
14:10 -14:35 PM	F23: Silicon photonic devices enabling multi-dimensional hybrid multiplexing technologies for photonic network-on-chip	<b>Daoxin Dai</b> Zhejiang University China
14:35 -15:00PM	F24: Combining silicon photonics with ultrafast optics	<b>Lin Zhang</b> Massachusetts Institute of Technology USA
15:00-15:20PM	Session Break	
<b>Session: General XI Chair: Florian Merget</b>		
15:20-15:45PM	F25: The Advance Of Mode-Division Multiplexing Transmission	<b>Dongya Shen</b> Yunnan University China
15:45-16:10PM	F26: The phase retrieval method in quantitative phase image (QPI)	<b>Ying Ji</b> Jiangsu University China
16:10-16:35PM	F27: Non-von Neumann Computing Based on Coupled Plasmon Particles with Phase Change Material	<b>Toshiharu Saiki</b> Keio University Japan
17:30PM	Dinner Social	

<b>Sunday April.26 Room G</b>		
7:20-8:20A M	Breakfast	
<b>Session: General XII Chair: Junjun Xiao</b>		
8:20-8:45AM	G16: Soliton molecules: an advanced optical telecommunications format	<b>Fedor Mitschke</b> Universität Rostock Germany
8:45-9:10AM	G17: A large aperture variable focus lens and its application on the next generation of clinical optics	<b>Lihui Wang</b> University of Tokyo Japan
9:10-9:35AM	G18: Magneto-optical nonreciprocal devices	<b>Yuya Shoji</b> Tokyo Institute of Technology Japan
9:35-10:00 AM	G19: Optical Carrier and RF Modulation Sideband Amplitude and Phase Control based Signal Processors	<b>Xudong Wang</b> Jinan University China
10:00-10:20AM	Session Break	
<b>Session: Nanomaterials III Chair: Jorg Gotte</b>		
10:20-10:45AM	G20: Interplay between Fano resonance and toroidal resonance in plasmonic-dielectric nanostructures	<b>Junjun Xiao</b> Harbin Institute of Technology China
10:45-11:10AM	G21: Indirect Wave Parameter Imaging of Materials Nano Structure towards Nanometer Multidimensional Resolution	<b>Xuefeng Liu</b> Nanjing University of Science and Technology China
11:10-11:35AM	G22: Phase modulation using plasmonic nanostructure	<b>Xiangang Luo</b> Chinese Academy of Sciences China
11:35-12:00PM	G23: Nanomaterial-based fiber lasers	<b>Xueming Liu</b> Xi'an Institute of Optics and Precision Mechanics, CAS China
12:00-13:20 PM	Lunch Break	
<b>Session: Optoelectronic Materials and Devices VII Chair: Haifeng Dong</b>		

13:45 - 14:10 PM	G24: Functional Optical Devices based on Manipulating PhoXon by Nanostructure	<b>Kaiyu Cui</b> Tsinghua University China
14:10 -14:35 PM	G25: Diamond integrated nanophotonic and opto-electronic circuits	<b>Wolfram Pernice</b> Karlsruhe Institute of Technology Germany
14:35 -15:00PM	G26: Recent progress in high power superluminescent diodes	<b>Zhigang Zang</b> Chongqing University China
15:00-15:20PM	Session Break	
<b>Session: General XIII Chair: Wolfram Pernice</b>		
15:20-15:45PM	G27: Sensing through atomic spins	<b>Haifeng Dong</b> Beihang University China
15:45-16:10PM	G28: Accuracy and limits of the analytic model of fringe reflection technique in measuring planar-like specular surface	<b>Yuxiang Wu</b> University of Electronic Science and Technology of China China
17:30PM	Dinner Social	

**Saturday April.25**

15:00 - 16:00 PM

**POSTER SESSION**

P01	Optimization of Aperture Antenna with V-groove structures to Improve the Intensity of Nano-sized Circularly Polarized Light	<b>Yongfu Cai</b> Nagaoka University of Technology Japan
P02	Surface TM Waves on 1-D Left-handed Photonic Crystal	<b>Zahra Eyni</b> Payame Noor University Iran
P03	Impact of molybdenum barrier film on the MoSe <sub>2</sub> layer in CIGS thin film solar cells	<b>Yi-Cheng Lin</b> National Changhua University of Education Taiwan
P04	Optical absorption spectra in the molecule of C <sub>82</sub>	<b>Elnaz Rostampour</b> Islamic Azad University Iran
P05	Optical and electrical effects of guest-host interactions in blended OLEDs	<b>Lubov Samsonova</b> Tomsk State University Russia
P06	Increased light extraction of nonpolar green InGaN/GaN light emitting diode with silica nanospheres	<b>Dong Su Shin</b> Hanyang university Korea
P07	Plasmon-Induced Electron Transfer between Gold Nanosphere and Graphene	<b>Yunkun Su</b> Sun Yat-sen University China
P08	Plasmonic Broadband Absorber by Stacking Multiple Metallic Nanoparticle Layers	<b>Xueyan Wu</b> Taiyuan University of Technology China
P09	Surface-Enhanced Raman Scattering of Au Nanorods@Graphene Composite Structures	<b>Lei Zhang</b> Sun Yat-sen University China
P10	Joint observation for cirrus using Lidar and millimeter-wave cloud Radar	<b>Lingbing Bu</b> Nanjing University of Information Science and Technology China