Tentative Program

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9th International Conference on

Optics, Photonics & Lasers

July 02-04, 2018 | Berlin, Germany

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Euro Optics 2018 Invitation

July 02-04 | Berlin, Germany

Dear All,

We are extremely delighted to host the 9th International Conference on Optics, Photonics & Lasers.

The 9th Edition of Euro Optics will feature on differenttracks covering both academics and industrial aspects. The Euro Optics 2018 conference paves a platform to globalize the research by installing a dialogue between industries and academic organizations and knowledge transfer from research to industry. Euro Optics 2018 aims in proclaim knowledge and share new ideas amongst the professionals, industrialists and students from research areas of Optics, Photonics & Lasers and all the related disciplines to share their research experiences and indulge in interactive discussions and special sessions at the event.

We invite your participation for this mega scientific event set to happen in Berlin this year as we start to prepare the dais for a grand discussion with the theme “Revving up the advances in the science of Optics, Photonics and Lasers ”.

Regards

Organizing Committee
Euro Optics 2018 Germany



The Euro Optics 2018 Germany conference calls for the newest and healthiest proposals for the Meet from researchers, industrial personnel and pioneering students.

This summit is designed to meet every nook and corner research topic related to the advancement in the research and development.

Organizing Committee

TRACK

Photonics | Optical Fibers | Fiber Laser Technology



Ephraim Suhir
Portland State University
USA

Biography:

Naturalized US citizen (since 1985). Goal oriented, highly motivated and creative performer with proven leadership, administrative and coaching ability, extensive project and financial management experience, team player attitude, strong analytical and planning skills, effective communications (written and verbal) and presentation skills, as well as excellent organizational, interpersonal, and negotiation capabilities. Possesses thorough and in-depth understanding of the state-of-the-art in materials, mechanical, electrical, optical, information, telecommunication, reliability and related areas of engineering, of new and emerging technologies, and a clear vision for the most promising directions in the development of applied science and engineering. Works exceptionally well in dynamic and rapidly changing environments, under pressure and in short time frames.

TRACK

Quantum Optics | Lasers and Nonlinear Optics



Günter Kuno Paul Nimtz
University of Cologne
Germany

Biography:

Günter Nimtz has completed his PhD in the year 1969 from Vienna University. He is the Professor of Physics and a consultant of several Companies. He has published more than 200 papers in reputed journals and owns some patents. He was member of the supervisory board of an organic electronic materials company.

TRACK

Nano and Qauntum Sciences | Laser Systems



Andrei Ivanov
ITMO University
Russia

Biography:

Andrei Ivanov is a Head of the Department of Optical Physics and Modern Natural Science at the ITMO University. He received his degree as a Candidate of Physical and Mathematical Sciences in 2007. Dr. Ivanov's main fields of interest are nano-photonics, nonlinear optics, and laser cooling of solids. His current research activities focus on multiphoton transitions in the bulk and on the surface of the semiconductors of different dimensions; pre-breakdown generation of free carriers in the insulators and semiconductors caused by the ultra-short pulse laser radiation; photon avalanche effect in the semiconductors and heterostructures, and dynamical Stark effect. His research at the ITMO University has been supported by the Russian Foundation for Basic Research and the Ministry of Education and Science of the Russian Federation. He is the member of the D. S. Rozhdestvensky Optical Society and the Optical Society of America (OSA).

TRACK

Optical Imaging and Sensing | Optoelectronics



Bruno Wacogne
Research Director at the FEMTO-ST Institute
CNRS, France

Biography:

Bruno Wacogne is a CNRS Research Director at the FEMTO-ST Institute (UMR CNRS 6174) where he is leading the transversal axis Biom'@x concerning Sciences and Technologies for a Translational Medicine. He is also the technological coordinator of the Clinical Investigation Center of Besançon University hospital (INSERM CIC1431) where he is leading the Microsystems and Biological Qualification team. His research interests are micro technologies, optics, translational research, biological qualification and immune-combined medical devices. He is the author or co-author of nearly 200 communications and 10 patents.

Organizing Committee

TRACK

Optical Communications and Networking | Photonics | Latest Technologies in Photonics and Lasers



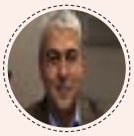
Thibaut Sylvestre
University of Burgundy Franche-Comté
France

Biography:

I am a CNRS Senior Researcher at the FEMTO-ST research institute in Besançon in France and I am leading the nonlinear photonics group since 2010. I am supervising both theoretical and experimental studies of fundamental nonlinear effects that occur in optical fibers and other tiny optical waveguides (photonic crystal fibers, optical micro and nanofibers, and resonators), with the aim of investigating potential applications to ultrafast signal processing, fiber-based telecommunications, fiber lasers and optical fiber sensors. I have broad expertise in nonlinear fiber optics and related fields and I made scientific achievements in the fields of broadband fiber-based parametric amplification, pulsed and cw-pumped supercontinuum generation, high-power Raman fiber lasers, passive mode-locking of fiber lasers through dissipative four-wave mixing, and Brillouin light scattering in specialty fibers, for which I have been awarded with the Fabry-Gramont Prize from the French Optical Society.

TRACK

Optical Technologies | Applied Industrial Optics | Optoelectronics



Mahmoud Fallahi
University of Arizona
USA

Biography:

Mahmoud Fallahi is a professor in the college of optical Sciences at the University of Arizona. He received his Ph.D. degree from the University of Toulouse and LAAS-CNRS, in 1988. He joined the National Research Council of Canada in 1989 and became a member of technical staff as a Research Scientist during 1992-1995. He joined the University of Arizona as an Assistant professor in 1995. His research has been extensively published in peer-reviewed scientific journals, reported in invited talks and published in international conference proceedings. He has authored or co-authored several book chapters, patents and invention disclosures. His recent research interests are in high power semiconductor lasers, tunable sources, nonlinear frequency generation, photonic integrated circuits, micro/nanofabrication, and hybrid organic-inorganic components for heterogeneous integration. He has served as Conference Chair and Program Committee member in several international conferences in the field of semiconductor lasers and integrated optics.

TRACK

Surface Enhanced Spectroscopy | Optical Fiber



Anna Orlova
Professor of Optical Physics and Modern Natural Science, ITMO University, Russia

Biography:

Anna Orlova is Professor of the Department of Optical Physics and Modern Natural Science at the ITMO University, Head of international research lab "Magnetically controlled nanosystems for theranostics of oncological and cardiovascular diseases". Prof. Orlova successfully combines lecture activity with development and research of hybrid nanosystems for theranostics and sensing based on colloidal quantum semiconductor nanocrystals, magnetic nanoparticles, graphene, titanium dioxide nanocrystals, and organic molecules. She graduated with honors from the Engineering Physics Faculty of LITMO Institute (St. Petersburg) in 1997, and then received the scientific degrees of Candidate of Technical Sciences in 2003 and Doctor of Physical and Mathematical Sciences in 2016 from the same institution (now ITMO University). Since 1997 to 2006 she was junior researcher at Vavilov Optical Institute, then returned to her Alma Mater and developed there from research associate to professor (2017).

TRACK

Optoelectronics | Photonics



Jing Bai
University of Minnesota Duluth
USA

Biography:

Dr. Jing Bai is an Associate Professor and the Director of Graduate Studies (DGS) in Department of Electrical Engineering at the University of Minnesota Duluth (UMD). She received her Ph.D. degree in Electrical and Computer Engineering at Georgia Institute of Technology in 2007. Dr. Bai's current research activities focus on nano-photonics, nano-photovoltaics, nonlinear optics, and nanoscale biomedical devices. Her research at UMD has been supported by the National Science Foundation (NSF), the Whiteside Institute for Clinical Research, the MN Drive Initiatives, and the Graduate School of University of Minnesota. She is a member of the Institute of Electrical and Electronics Engineers (IEEE), IEEE Women in Engineering (WIE), the Optical Society of America (OSA), and the American Physics Society (APS).

Conference Directory

July 02-04 | Berlin, Germany

Day 1: Opening Ceremony

• Registrations	Final attendance of the participants
• Introduction	Day 1 kicks off by Moderator's introductory speech
• Guest's Speak	Briefing the conference theme by Honorable Guest

Day 1 Sessions

• Keynote Bout	Talks covering the Theme of the Conference
• Coffee Break	Coffee and Candid shots of the Group
• Oral Session 1	Photonics | Optical Fibers | Fiber Laser Technology
• Special Session	A exclusive Exhibitor hosted session/Workshop for effective B2B chance
• Luncheon	Networking over Lunch
• Oral Session 2	Quantum Optics | Lasers and Nonlinear Optics
• Coffee Break	Post-lunch coffee break session for networking
• Oral Session 3	General discussions

Day 2 Sessions

• Keynote Bout	Re-opening the day with Keynotes again
• Coffee Break	Coffee and Networking
• Oral Session 4	Nano and Qauntum Sciences | Laser Systems
• Luncheon	Networking over Lunch
• Oral Session 5	Optical Imaging and Sensing | Optoelectronics
• Coffee Break	Post-lunch coffee break session for networking
• Poster Session	Accepted Poster presentations

Day 3 Sessions

• Oral Session 6	Optical Communications and Networking | Latest Technologies in Photonics and Lasers
• Coffee Break	Coffee and Networking
• Oral Session 7	Optical Technologies | Applied Industrial Optics | Optoelectronics
• Luncheon	Networking over Lunch
• YRF Presentation	Selected Students' Oral Presentations
• Closing Session	Award Ceremony & Thank you note by Moderator
• Coffee Break	Coffee and Refreshments

PROVISIONAL PROGRAM

Tentative Speakers

Title: The optical properties of dichroic doped NCS glasses

Sergey Klimosky, Lomonosov Moscow State University, Russia

Biography: Sergey Klimosky has completed his PhD in the year 1990 at the age of 30 years from Lomonosov Moscow State University. He is the Associate professor of Faculty of Materials Science. He has published more than 50 papers in reputed journals. In recent years he has worked in the field of physics and chemistry of photonic crystals and other optical materials.

Title: Toward calibration free ion sensing: a focus on fiber optic fluorescence pH sensor

Bruno Wacogne, CNRS, France

Biography: Bruno Wacogne is a CNRS Research Director at the FEMTO-ST Institute (UMR CNRS 6174) where he is leading the transversal axis Biom'@x concerning Sciences and Technologies for a Translational Medicine.

Title: Dual-wavelength fiber laser and its application in displacement measurement with wavelength-multiplexed self-mixing heterodyne interferometry

Fang Xie, Beijing Jiaotong University, China

Biography: Fang Xie, received B.Sc. (Mechanical Engineering) at Chongqing University, PR China in 1987; received M. Sc. (Optics and Precision Instruments) at the Chongqing University, PR China in 1992; received Ph.D. (Optical Engineering) at the Tsinghua University, PR China in 2002. She is now a professor in the physics department at the Beijing Jiaotong University, PR China.

PROVISIONAL PROGRAM

Tentative Speakers

Title: Simultaneous measurements of absorption, scattering, and refractive index parameters of mouse brain tissue by NIR structured illumination and models approximation

David Abookasis, Ariel University, Israel

Title: Latest Technologies in Optical Fiber Lasers for Sensing Applications

Rosa Ana Perez-Herrera, Universidad Pública de Navarra, Spain

Biography: Rosa Ana Perez-Herrera was born in Cantabria, Spain, in February 1979. She received the telecommunications engineering degree from the University of Cantabria, Spain, in 2004. In 2005 she joined the Optical Communications Group at the Department of Electrical and Electronic Engineering of the Public University of Navarra (Pamplona, Spain). In 2010 she obtained her Ph.D.

Title: Shaped laser pulses after optical fibers for selective multiphoton excitation of biomolecules

Albrecht Lindinger, Freie Universität Berlin, Germany

Biography: Albrecht Lindinger has earned his PhD on helium droplet spectroscopy in Göttingen in the group of Prof. Dr. J.-P. Toennies and took his postdoc term in Berkeley in the group of Prof. Dr. D. Neumark.

PROVISIONAL PROGRAM

Tentative Speakers

Title: Design of compact micro-reduction lens based on thin lens aberrations

Kuang-Lung Huang, MingDao University, Taiwan

Biography: Kuang-Lung Huang has his expertise in lens design and optical engineering. He used to work in optical industry for many years. Currently he is a full time faculty of Department of materials and energy engineering, MingDao University, Changhua, Taiwan, R.O.C. He also in charge of several projects related to lens design and optical engineering.

Title: Scaling of subnanosecond gain-switched lasers to subjoule energy level

Aleksandr Tarasov, Laseroptek, South Korea

Biography: Aleksandr Tarasov worked at Vavilov State Optical Institute, Leningrad, USSR from 1972 to 1989. Received there PhD degree in 1984. From 1989 to 2000 worked at the Institute of Nuclear Problems, Minsk, Belarus. Since 2002 is working at Laseroptek, South Korea.

Title: Miniaturized Tunable QCL-Lightsource for MID-Infrared Spectroscopy

Andre Merten, Fraunhofer IPMS, Germany

Biography: André Merten received his diploma-degree in physics from Friedrich-Schiller-University Jena (Germany) in 2003. Following he was a PhD student at Institute of Environmental Physics in Heidelberg and worked on Differential Optical Absorption Spectroscopy (DOAS) of atmospheric trace gases.

PROVISIONAL PROGRAM

Tentative Speakers

Title: Simultaneous Plasmon –Optical and –Electrical Effects for a New Class of Plasmonic Solar Cells

Wallace C. H. Choy, University of Hong Kong, Hong Kong

Biography: Wallace C. H. Choy is a full professor in the Department of EEE, HKU. His research interests cover organic/inorganic optoelectronic devices, plasmonic structures, metal oxides, and nanomaterial devices. He has published more than 180 peer-reviewed papers, several book chapters, patents, and edited one book.

Title: Design of Fresnel lens for uniform LED lighting

Seoyong Shin, Myongji University, South Korea

Biography: Professor Seoyong Shin has been in the Department of Information and Communication Engineering at Myongji University since 1994. He has published more than 40 SCI and SCI-E papers so far.

Title: Novel transmission properties of planar optical waveguide cladded in prism pair

Jianhua Liu, Fudan University, China

Biography: Jianhua Liu got his master and bachelor's degree from Shanghai University of Science and Technology in 1992 and 1989, respectively. In 1995, he got his Ph.D from Shanghai Institute of Optics and Fine Mechanics, Chinese Academy of Science. His interested fields of research include laser spectroscopy of laser crystals.

PROVISIONAL PROGRAM

Tentative Speakers

Title: Defect reduction of GaN growing on dome-shaped patterned-sapphire substrates

Cheng-Yen Chien, National Taiwan University, China

Biography: Cheng-Yen Chien is PhD in graduate institute of electronics engineering national taiwan university. He has his expertise electronic device, optoelectronics, nanotechnology, electron-beam lithography and application and III-V material. He demonstrated a new pattern design based on sapphire that effectively reduced dislocation density on surface GaN.

Title: Electromagnetic drag and diffusion control

Manuel I. Marqués, Universidad Autonoma de Madrid, Spain

Biography: Manuel Marqués obtained his B.A in physics at Universidad Complutense de Madrid in 1995 and was awarded with an extraordinary Ph.D. prize in physics at Universidad Autónoma de Madrid in 2000 under the supervision of Prof. Julio Gonzalo.

Title: Experimental Characterization and Numerical Simulation for Ultrasonic-Enhanced Laser Drilling/Trepanning

Houxiao Wang, Jiangsu University, China

Biography: Houxiao Wang has completed his PhD in the year 2013 from Nanyang Technological University (NTU). He got the NTU Research Scholarship in 2008. He carried out collaboration with Institute of High Performance Computing in Singapore from 2009 to 2011. He is currently an associate professor/HoD of Jiangsu University.

PROVISIONAL PROGRAM

Tentative Speakers

Title: The study of natural antiaging compounds using two-photon microscopy technique

Gohar Tsakanova, CANDLE Synchrotron Research Institute, Armenia

Biography: Gohar Tsakanova, PhD, is a senior researcher and deputy director in the Institute of Molecular Biology NAS RA (National Academy of Sciences of Republic of Armenia). She has an extensive international experience having been invited to be trained or conduct research at prominent academic institutions in Germany.

Title: Zero-Time Photonic Tunneling: On Theory and Applications

Günter Kuno Paul Nimtz, University of Cologne, Germany

Biography: Günter Nimtz has completed his PhD in the year 1969 from Vienna University. He is the Professor of Physics and a consultant of several Companies.

Title: A high performance I/Q-interferometer using a polarizing beam displace and its application to resolution refractive index sensor

Kyuman Cho, Sogang University, Seoul, South Korea

Biography: Kyuman Cho has expertise in precision measurements using various interferometer schemes. He has been performing extensive researches in developing interferometric approaches in many high sensitivity applications sensors such as a scanning microscopy for characterization of optical properties of surfaces and materials.

PROVISIONAL PROGRAM

Tentative Speakers

Title: Unambiguous ultrashort pulse reconstruction from double spectrograms alone

Birger Seifert, Pontificia Universidad Católica de Chile, Chile

Biography: Birger Seifert is an expert in the field of ultrashort light pulse characterization and his doctor thesis was focused on this topic. He has in depth knowledge of the state of the art optical methods for the characterization of ultrashort light pulses.

Title: Switchable multi-wavelength laser based on a core-offset Mach-Zehnder interferometer with non-zero dispersion-shifted fiber

Juan M. Sierra-Hernandez, Universidad de Guanajuato, Mexico

Biography: Juan M. Sierra-Hernandez was born in Mexico in 1981. He received his B.Eng. from Instituto Tecnologico de Leon, M.Eng. and D.Eng. from Universidad de Guanajuato. His research interests include fiber optics, fiber lasers, optical fiber sensors and with intermodal optical signal processing using multiresolution techniques. He has been reviewer of several journals.

Title: Effect of the number of primary lens' level on the MTF of diffractive imaging system

Dun Liu, Institute of Optics and Electronics, China

Biography: Dun Liu is a PhD student at the University of Chinese Academy of Sciences(UCAS). In 2013, he received his bachelor's degree at Wuhan University. He has been conducting the research of diffractive telescope technology at the Institute of Optics and Electronics(IOE), Chinese Academy of Sciences, from 2013 till now. His current research interests include optical design, stray light analysis and test.

PROVISIONAL PROGRAM

Tentative Speakers

Title: Stimulated Raman Scattering in Crystals and Applications

Christoph Zesch, University of Rome, Germany

Biography: Christoph Zesch is a Ph.D.-student at the University of Rome "Tor Vergata" and works as a scientific employee at the Technical University of Applied Sciences Wildau and the Technical University Berlin. He received the Master of Engineering at the Technical University of Applied Sciences Wildau in 2017. His expertise is in Nonlinear Optics and Laser Spectroscopy especially in stimulated Raman scattering and solid state Raman lasers and amplifiers.

Title: Optical properties of as-grown and annealed GaAs/GaAsBi single quantum well structures grown by Molecular Beam Epitaxy

Haifaa Alghamdi, University of Nottingham, UK

Biography: I have completed my Master degree in the year 2010 at the age of 30 years from KA University. Now, I am in the third year as a PhD student in the University of Nottingham. I am very interested in the defects in semiconductors.

Title: Controlling Chaotic Dual-Ring Er-doped Fiber Laser via Modulating the Loss

Senlin Yan, Nanjing XiaoZhuang University, China

Biography: Senlin Yan has completed his PhD in the year 2001 at the age of 41 years from Sotheast University. He is the Professorr of Nnanjing Xiaozhuang University, a famous university in China. He has published more than 30 papers in reputed journals and has been serving as an editorial board member of repute.

PROVISIONAL PROGRAM

Tentative Speakers

Title: Photosynthesis; Miracle of Organic Life and its Technologies, OPV-OLED-OFET

SIDDIK ICLI, Ege University, Turkey

Title: Spetroscopic Tools for the Diagnosis and the Treatment of Cancer

Norio Miyoshi, Shizuoka University, Japan

Biography: N. Miyoshi has completed his PhD in the year 1981 at the age of 32 years from Kyushu University. He was professor in the tumor pathology of University of Fukui.

Title: The study of polarization mode selection and coupling efficiency of optofluidic ring resonator lasers

Xiao-Yun Pu, Yunnan University, China

Biography: Xiao-Yun Pu is a now a professor of physics in Yunnan University, PRC. He got his BS in 1982 from the Department of Physics, Yunnan University; his MS in1987 from the Institute of Physics, Chinese Academy of Science.

PROVISIONAL PROGRAM

Tentative Speakers

Title: Tumoral inclusions detection with diffuse optical tomography

Ahmad Addoum, Université de Lorraine, France

Biography: Ahmad ADDOUM has completed his PhD in the year 2018 at the age of 26 years from Lorraine University (France) after a Master degree in Physics and Photonics from university of Rennes 1. He is an associate Professor as a temporary position in the Lorraine University.

Title: Laser Cooling of Solids: Towards Absolutely Cold Quantum Nanoobject

Andrei Ivanov, ITMO University, Russia

Biography: Andrei Ivanov is a Head of the Department of Optical Physics and Modern Natural Science at the ITMO University. He received his degree as a Candidate of Physical and Mathematical Sciences in 2007. Dr. Ivanov's main fields of interest are nano-photonics, nonlinear optics, and laser cooling of solids.

Title: Laser cooling of a quantum dot by photoinduced vibronic interaction

Yuliya Prokhorova, ITMO University, Russia

PROVISIONAL PROGRAM

Tentative Speakers

Title: Simulation of metacrystal formation in RF trap

Semyon Rudyi, ITMO University, Russia

Title: Radiative transitions in wide-gap semiconductors and their use for obtaining room-temperature laser action

Alexander L. Gurskii, Belarusian State University of Informatics and Radioelectronics, Belarus

Biography: A.L. Gurskii has completed his PhD in the year 1988 at the age of 27 years from Institute of Solid State and Semiconductor Physics, Minsk, Belarus. Habilitation in 2000 from Belarusian State University, Minsk. In 1983-2007 – researcher in B.I.Stepanov Institute of Physics of National Academy of Sciences of Belarus, Minsk, in 1993-2000 – research stay in Institute of Semiconductor Technology I, RWTH.

Title: Beyond Visible: Optical Fibres for High Energies

Gilberto Brambilla, University of Southampton, UK

Biography: Gilberto Brambilla obtained his MSc (Material Engineering) with honours from Politecnico di Milano (Italy) and his PhD degree in Optoelectronics from the ORC in 2002. In 2007 he was awarded the prestigious Research Fellowship from the Royal Society. He is currently a professor in the Optoelectronics Research Centre (ORC) at the University of Southampton and co-Director and General Manager of the Future Photonics Hub.

PROVISIONAL PROGRAM

Tentative Speakers

Title: Diode-pumped cesium-vapor laser and blue-violet laser by frequency doubling

Fei Chen, Chinese Academy of Sciences, China

Biography: Fei Chen, received the Ph.D. degree from the Harbin Institute of Technology University, China, in 2011. He has authored and co-authored over 80 refereed journal and conference papers. Research interests include: Laser diode pumped solid-state lasers, diode pumped alkali vapor lasers, high power gas laser and laser nonlinear frequency conversion.

Title: Thermo-mechanical effects in laser-matter interactions

Chen-Wu WU, Chinese Academy of Sciences, China

Biography: Wu has completed his PhD in the year 2007 at the age of 29 years from Chinses Academy of Sciences. He is an associate professor and senior scientist in Chinese Academy of Sciences. He works on Laser-Matter Interactions as principal investigator for research projects supported by Knowledge Innovation Project of Chinese Academy of Sciences.

Title: Heating effect in laser direct writing of Al and Cu particles on Si-Wafer substrate

Mohammad H. Azhdast, TU-Berlin, Germany

Biography: Mohammad Hossein Azhdast has finished his two master degrees in Mechatroncs and Mechanical engineering and he is currently doing his PhD at Technical University of Berlin institute of Electrical engineering. . He has gathered some experiments in microelectronic devices, wire bonding, thin film production and laser application systems by working at PacTech GMBH.

PROVISIONAL PROGRAM

Tentative Speakers

Title: Laser induced nanowelding, nanosoldering, nanobreaking and nanohealing

Min Qiu, Zhejiang University, China

Biography: Min Qiu received Ph.D. degree in Physics from Zhejiang University, China, in 1999, and Ph.D. degree in Electromagnetic Theory from the Royal Institute of Technology (KTH), Sweden, in 2001. He joined KTH as an Assistant Professor in 2001, and became Professor of Photonics in 2009. Since 2010, he is a distinguished professor at Zhejiang University, China.

Title: Attosecond precision timing synchronization systems

Ming Xin, MIT, USA

Biography: Ming Xin received the bachelor's and doctor's degrees in electronic engineering from Tsinghua University, Beijing, China, in 2005 and 2010, re- spectively. From 2010 to 2011, he was a Project Manager with China Mobile Research Institute of ChinaMobile, Beijing. In July 2011, he joined the CFEL Ultrafast Optics and X-rays Group of DESY, Hamburg, Germany, as a Team Leader.

Title: Study of the Evaporation Dynamics of microdroplets using Quantum defects in nanodiamonds

Haroon Aman, The University of Queensland, Australia

Biography: Haroon Aman is currently doing Phd research at the University of Queensland, Australia. Along with research activities he is also involved in teaching and invigilating examinations at the school of mathematics and physics UQ. His interests are nanotechnology and computational simulations .

PROVISIONAL PROGRAM

Tentative Speakers

Title: Multi-photon self-error-correction hyperentanglement distribution over arbitrary collective-noise channels

Cheng-Yan Gao, Beijing Normal University, China

Biography: Cheng-yan Gao is a first-year PhD candidate in Department of Physics at Beijing Normal University, P. R. China. She majors in quantum optics and quantum communication and she is interested in quantum communication theory, quantum error correction and quantum repeater. In 2017, she published two papers on quantum error correction as the first author. One was published in Quantum Information Processing and the other was published in the Journal of Physics B: Atomic, Molecular and Optical Physics.

Title: Entanglement state transmission without calibrate reference frame

Peng-Liang Guo, Beijing Normal University, China

Biography: Peng-Liang Guo is a second-year PhD student in Department of Physics at Beijing Normal University, P. R. China. Her research direction is quantum optics. She focuses on quantum state error rejection transmission and experimental technologies in quantum information process.

Title: Entangling two distant high-Q microwave transmission lines assisted by a resonator terminated with SQUIDs

Ming Li, Beijing Normal University, China

Biography: Ming Li is a first-year PhD candidate from Department of Physics in Beijing Normal University (BNU) , Beijing, China. His major is quantum optics and he is interested in the field of superconducting circuit quantum electromagnetic dynamics and its applications in quantum computation. He has conducted some preliminary research studies on the dynamical Casimir effect induced by fast-tuned boundary conditions, which can be easily implemented in superconducting circuit platform .

PROVISIONAL PROGRAM

Tentative Speakers

Title: Universal single-qubit non-adiabatic holonomic quantum gates in optomechanical systems

Shan-Shan Chen, Beijing Normal University, China

Biography: Shan-Shan Chen is a graduate student in grade two of Physics Department, Beijing Normal University. Her research field is quantum information and quantum computation.

Title: Non-Markovian entanglement dynamics of continuous measurement feedback open quantum system in structured bath

Wei Jaing, Beijing Normal University, China

Biography: Jiang Wei is a Doctoral student of Physics Department, Beijing Normal University. He was graduated from Central South University and got a bachelor's degree of electronic information engineering. His research field is non-Markovian effect in quantum optics.

Title: Young's double-slit interference with two-color biphotons

Shuang Wu, Beijing Normal University, China

Biography: Shuang Wu obtained his B.S Degree at MinZu University in China in 2014. Now he is a PhD student in Department of Physics, Beijing Normal University, China. His current research focus on quantum imaging. Correspondence and requests for materials should be addressed to J.X.

Available Slots



To Avail the slots contact:

eurooptics@annualconferences.org

To submit abstracts:

https://optics.physicsmeeting.com/abstract-submission.php

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POSTER PRESENTATION

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YOUNG RESEARCHERS' FORUM

A very few students can hold on to the opportunity of giving an Oral Presentation along with those highly affiliated expert minds. Exceptional abstracts can grab this chance and exhibit their research verbally.

INDUSTRY REPRESENTATIVE

Communicate the ideas on behalf of your organization in the form of a scientific talk or be a delegate to proxy your company's attendance at the Meet.

INTERATIVE BOOTHS

Showcase the latest product or service of your industry. Book your booth and avail free passes to the conference sessions.

B2B and B2A SESSIONS

At the Euro Optics 2018 Germany, industries are welcome to display their products in the industrial exhibition, organise a symposium/workshop or benefit from many other sponsoring opportunities.

Experience the demonstration of finest ideas from best speakers of this field, meet with industry partners and customers, and examine recent market trends and opportunities- all over the luncheon and coffee break sessions.

Minimise this gap between the lab and the industry, meet your rivals and contemporary only at Euro Optics 2018 Germany

For details of the conference click:
https://optics.physicsmeeting.com/

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Being in Germany

Berlin is the capital and the biggest city of Germany and in addition one of its 16 constituent states. With a populace of around 3.7 million, Berlin is the second most crowded city

appropriate in the European Union and the seventh most crowded urban range in the European Union. Situated in north eastern Germany on the banks of the waterways Binge

and Havel, it is the focal point of the Berlin-Brandenburg Metropolitan Locale, which has about 6 million inhabitants from more than 180 countries. Because of its area in the

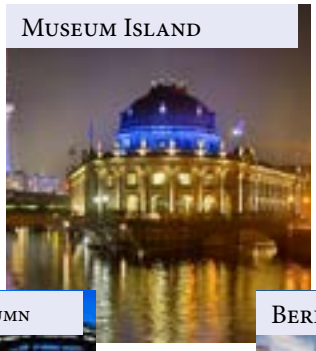
European Plain, Berlin is impacted by a calm occasional atmosphere. Around 33% of the city's region is made out of woodlands, parks, gardens, waterways, channels and lakes.

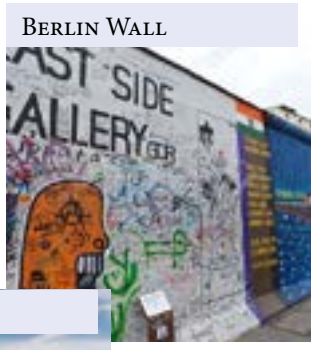
The city has four open research colleges and more than 30 private, expert, and specialized

schools (Hochschulen), offering an extensive variety of orders. A record number of 175,651 understudies were selected in the winter term of 2015/16.Among them around 18% have a universal foundation.

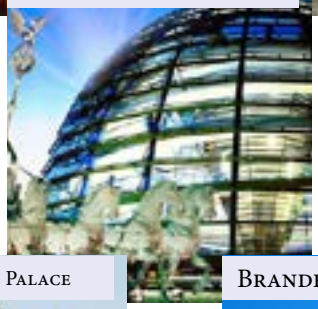
Berlin 2018

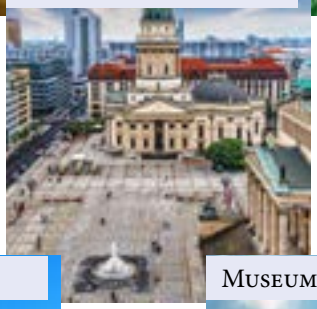

Spree

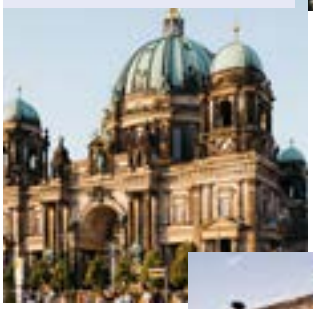

Museum Island



Berlin Wall


Berlin Victory Column

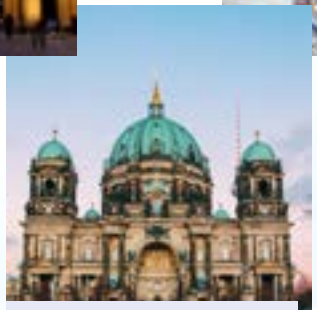

Berlin city


Charlottenburg Palace


Brandenburg Gate


Museum Island


Pergamon Museum


Charlottenburg Palace

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