Conference Information

Conference Roon

The main conference room is located on Sanya Salon of Novotel Hotel.

9:30-18:00 ..... Nov 24

Exhibition & poster session

The exhibition booths and poster session board will be open on the Sanya Salon of Novotel Hotel.

9:30-18:00 ..... Nov 24

Presentation instructions presentation sessions

1. All presentations should be give in **English.**
2. All oral presentations should be within **20 min.**
3. Supported presentation file formats include Microsoft Powerpoint**(.ppt or .pptx),** Microsoft Word**(.doc or .docx)** and Adobe Acrobat**(.pdf).**
4. All files should be import into the computer **10 min** prior to the beginning of the session.
5. If you want to use your computers to present, please check the compatibility with the provided projector befor the oral begins.

Poster session

1. All posters presentations should be prepared in **English.**
2. Please report to Information Center on the first floor.
3. You can popularize your researches during the coffee break, lunch time and your free time.

Agenda of APCOM2019

		Nov.24 (Location Sanya Salon)	
		Sunday	
	9:30-10:00	Opening Ceremony	Exhibition & Poster Session location：Sanya Salon
	10:00-10:30	Photo & Coffee Break	
	10:30-11:00	Keynote Speech I： Academician Yu.N. Kulchin Optogenetics of Plants	
	11:00-11:30	Keynote Speech 2: Prof. Mingshan Zhao Demands and Challenges in Integrated Microwave photonics	
	11:30-11:50	Invited Speech 1 ： Prof. Alexei A. Kamshilin Camera-based assessment of microcirculation in-vivo: Physiological mechanism and applications	
	11:50-12:10	Invited Speech 2: Prof. Stanislav M. Shandarov Bragg diffraction of light beams on regular domain structures in uniaxial ferroelectric crystals	
	12:10-14:30	Lunch	
PM	14:30-14:50	Invited Speech 3: Prof. Yongkang Dong Ultra-fast distributed Brillouin optical fiber sensing for dynamic strain measurement	
	14:50-15:10	Invited Speech 4: Prof. Roman V. Romashko Adaptive laser interferometry in acoustic measurements	
	15:10-15:30	Invited Speech 5: Prof. Aimin Wang The Practice and Development of Modern Marine Ranching in China	
	15:30-15:50	Invited Speech 6: Dr. A.V. Belaventseva Application of imaging photoplethysmography for study the blood-vascular system performance in limbs under pressure occlusion	
	15:50-16:20	Coffee Break	
	16:20-16:40	Invited Speech 7: Youliang Zhang Parallel Asynchronous Evolution Algorithm in Engineering Optimization Problems	
	16:40-17:00	Invited Speech 8: Dr. A. Zhizhchenko Precise ablation of halide perovskite films with femtosecond laser pulses	
	17:00-17:20	Invited Speech 9: Prof. Zhi Zhou Smart Structures with built in Optical Fiber Sensor	
	17:20-17:40	Invited Speech10: Prof. Wanqiu Liu Multi-Level Performance Evaluation for Pavement Structure based on Optical Fiber Sensing Techniques	
	18:00-21:00	Reception party	

Poster Sessions Nov 24, 2019

Location: Sanya Salon

ID	Topic	Name Country/Area
1	Detection and Spatial Reconstruction Weak Acoustic Field in a Structural Material by Means of a 30-Channel Fiber-Optic Adaptive Measuring System	Mikhail N. Bezruk，Russia
2	Sensitivity analysis of adaptive holographic fiber-optic acoustic emission sensors on CdTe and Bi12SiO20 photorefractive crystals	Bashkov O.V., Romashko R.V., Bashkov I.O., Khun H.H., Russia
3	Vector-phase methods for processing of signal of laser adaptive hydroacoustic measuring system	Roman V. Romashko, Dmitriy V. Storozhenko, Mikhail N. Bezruk, Vladimir P. Dzyuba, Yury N. Kulchin, Russia
4	Laser Adaptive Hydroacoustic Vector-Phase Measurement System	Roman V. Romashko, Dmitry V. Storozhenko, Mikhail N. Bezruk, Nikolay V. Nikitin, Yury N. Kulchin, Russia
5	Dielectric resonator for a narrow-band matrix THz receiver	Roman V. Romashko, Dmitry V. Storozhenko, Vladimir P. Dzyuba, Russia
6	Modeling of resonance vibrations of micromechanical cantilevers in liquid media	Roman V. Romashko, Timofey T. Efimov, Evgeni A. Rassolov, Boris G. Andryukov, Russia
7	Non-steady-state photo-EMF sensor revealing the mechanical oscillations in diffuse-scattering media	Roman V. Romashko, Timofey A. Efimov, Evgeni A. Rassolov, Andrey M. Khananov, Russia
8	Cantilever Acoustic Sensor based on Adaptive holographic Interferometer	Roman V. Romashko, Timofey A. Efimov, Evgeni A. Rassolov, B.G.Andryukov, Russia
9	Two Channel Micromechanical cantilever-based biosensor	Aleksandr Sergeev, Russia
10	The enhancing of luminescent sensor response via photonic nanojet excitation in transmission and reflection mode	V.I. Krylov, I.N. Egorshin, Russia
11	Analysis of the cross-sections of bremsstrahlung caused by electron scattering on the coulomb centre placed in the stationary not uniform electric field	O. Y. Pikoul, N. V. Sidorov, N. A. Teplyakova, M. N. Palatnikov, Russia
12	Conoscopic analysis of anomalous optical biaxiality in lithium niobate single crystals	Anna Galkina, Roman Romashko, Der-Jang Liaw, Andrey Khananov, Jyh-Chiang Jiang, Russia
13	A new efficient luminescent chemosensor of gaseous amines based on photochromic complex materials	Roman V. Romashko, Timofey A. Efimov, Evgeni A. Rassolov, Russia
14	The Use of Distributed Optical Fiber Sensing Technique for Pavement Subgrade Performance Monitoring	Wanqiu Liu, Boshi Wang, Xijie Chen, Linhua Li, China
15	Life-cycle Monitoring, Management and Maintenance System for Hubei Xiangxi Yangtze River Highway Bridge Project	Jinping Ou, Zhi Zhou,D, Mingzhao Xiao, Kaiqian Xiao, Guanting Liang, Jingsheng Liao, Shi Bai, Zhaohui Xie, Wenbing Liu, Wanqiu Liu

16	Chaotic Generator in Frequency Domain Using Tunable fiber laser with Fiber Mach-Zehnder interferometer	Guohui Lyu, Yan Zhang, Huiying Wang, Bohan Luan, Jiang Xu, China
17	An Experimental Investigation on Flexural Behavior of Reinforced Concrete Beams Strengthened by an Intelligent CFRP Plate with Built- in ○ptical Fiber Bragg Grating Sensors	Zhenzhen Wang, Zhi Zhou, China
18	Cross-sectional Deformation Monitoring of a Shield Tunnel Using ○ptical-electrical Co-sensing Tape	Tong Jiao, Zhi Zhou, China
19	○FBG-Based Smart Double-Skin Tubular Confined-Concrete Column with Basalt FRP-Steel Composite	Yung William Sasy Chan, Zhi Zhou, Wanqiu Liu, Jinping Ou, China
20	Study on Performances and Energy-saving of Resin Translucent Concrete Products	Juan Shen, Zhi Zhou, China
21	An Absolute Temperature Compensation Method on FBG sensor Based on the Analysis of Strain and Temperature Coupling Effect	Huanyu Yang, Zhi Zhou, China