

Sino-European Optoelectronics and Microwave Innovation Cooperation Matchmaking Meeting

June 16th-17th, 2021

15:00 in China, 9:00 in France

Hosts:

Department of International Cooperation,
Ministry of Science and Technology of the
People's Republic of China

Alpha-RLH Cluster

Organizer:

Beijing Zhongguancun Overseas Science Park Co., Ltd



live QR code



For preliminary program,
please scan and download.



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Optoelectronics and Microwave Innovation

Cooperation Matchmaking Meeting



Guanhua Xu

Academician of the Chinese Academy of Sciences, Former Minister of the Ministry of Science and Technology



Jean-Pierre Raffarin

Former Prime Minister of France



Yiwei Jia

Deputy General Manager of Zhongguancun Development Group



Hervé Floch

CEO of Alpha-RLH Competitiveness Cluster



Donglin Su

Academician of Chinese Academy of Engineering, Director of Institute of Electromagnetic Compatibility Technology (Beihang University)



John Lopez

CNRS and CELIA senior research engineer, President of the French association Club Lasers et Procédés, Senior expert in ALPhANOV and ALPHA-RLH, member of the board of PHOTONICS FRANCE



De Ben

Academician of Chinese Academy of Engineering, Deputy Director of Sci-technology of 14th Institute, China Electronics Technology Group Corporation, Dean of College of Electronic and Information Engineering, NUAA



Barbara Previtali

Full Professor of Manufacturing within Politecnico di Milano- Department of Mechanical Engineering Chair of SITEC-Laboratory for Laser Applications and Co-Chair of the AddMe-Lab



Xuejun Zhang

Vice President of CIOMP and Director of Key Laboratory of Optical Manufacturing and Testing



Pedro Vieira

Business Development Manager of Controlar



Xiaohua Zhang

Deputy Director of GRID Corporation of China Hebei North Electric Co., Ltd.



Vit Kotek

Head of Marketing & Sales at Evektor-Aerotechnik a.s.



Jing Zhang

Deputy Director of Beijing Guoke Photoelectricity Technology Co., Ltd.



Xiaopeng Zhao

Chairman & General Manager, Beijing Zhongguancun Overseas Science Park Co., Ltd.



Alitheia Lafaye

European PIMAP+ Project manager



Guangcai Zou

Deputy Director of National New Energy Vehicle Technology Innovation Center, Deputy Secretary General of China Automotive Chip Industry Innovation Strategic Alliance



Patrik Ottoson

CEO of Radarbolaget



Guangsheng Wu

The President of Shenzhen Huaxun Fangzhou Technology Co., Ltd.



BoHu

Area Sales Manager, BLM Group



Da Shu

CTO of Benewake Co., Ltd.



Jakub Hencel

Chief Operations Officer, MGM



Jihong Chen

Director of National NC System Engineering Research Center, Chairman of Wuhan Huazhong CNC Co., Ltd.



Benjamin Fradin

Sales and Business development Manager of Photonis Company



Xu Wang

Deputy General Manager of Changguang Daqi technology Co., Ltd.



Amalya Minasayan

Business Development Manager of I2S company

Sino-European

Optoelectronics and Microwave Innovation

Cooperation Matchmaking Meeting

Overall Plan

(I) Opening Ceremony(simultaneous interpretation),
June 16th (15:00 in China, 9:00 in France)

15:00-15:10 Opening address by the host

09:00-09:10

15:10-15:20 Guanhua Xu, Academician of the Chinese Academy of
09:10-09:20 Sciences, Former Minister of the Ministry of Science and
Technology

15:20-15:30 Jean-Pierre Raffarin, Former Prime Minister of France

09:20-09:30

15:30-15:40 Yiwei Jia, Deputy General Manager of Zhongguancun
09:30-09:40 Development Group

15:40-15:50 Herv é Floch, CEO of Alpha-RLH Competitiveness Cluster

09:40-09:50

15:50-16:10 Signing Ceremony

09:50-10:10 1.ZGC Overseas Park and ALPHA-RLH cooperation agreement
2.Amplitude and Shanghai Jiao Tong University cooperation
agreement

16:10-16:25 Tea Break

10:10-10:25

(II)Keynote Speech (10 mins per speech)

16:25-16:35 Keynote Speech 1

10:25-10:35 Donglin Su, Academician of Chinese Academy of Engineering,
Director of Institute of Electromagnetic Compatibility
technology (Beihang University)

16:35-16:45 Keynote Speech 2

10:35-10:45 Title: Surface structuration and functionalization by laser:
principle and opportunities

John Lopez, CNRS and CELIA senior research engineer, President
of the French association Club Lasers et Proc é d é s, Senior
expert in ALPhANOV and ALPHA-RLH, member of the board of
PHOTONICS FRANCE

Sino-European

Optoelectronics and Microwave Innovation

Cooperation Matchmaking Meeting

Overall Plan

(I) Opening Ceremony(simultaneous interpretation),

June 16th (15:00 in China, 9:00 in France)

16:45-16:55 Keynote Speech 3

10:45-10:55 Title: Microwave Photonics and its potential application in the field of Radar

De Ben, Academician of Chinese Academy of Engineering, Deputy Director of Sci-technology of 14th Institute, China Electronics Technology Group Corporation, Dean of College of Electronic and Information Engineering, Nanjing University of Aeronautics and Astronautics

16:55-17:05 Keynote Speech 4

10:55-11:05 Title: Lasers technologies: research and innovations applications in Lombardy region context

Barbara Previtali, Full Professor of Manufacturing within Politecnico di Milano- Department of Mechanical Engineering Chair of SITEC-Laboratory for Laser Applications and Co-Chair of the AddMe_Lab

17:05-17:15 Keynote Speech 5

11:05-11:15 Title: Development of optical payloads for space remote sensing
Xuejun Zhang, Vice President of CIOMP and Director of Key Laboratory of Optical Manufacturing and Testing

17:15-17:25 Keynote Speech 6

11:15-11:25 Title: Controlar in the edge of the innovation for the industry
Pedro Vieira, Business Development Manager of Controlar

17:25-17:35 Keynote Speech 7

11:25-11:35 Title: Intelligent panoramic system and intelligent panoramic power grid
Xiaohua Zhang, Deputy Director of GRID Corporation of China Hebei North Electric Co., Ltd.

17:35-17:45 Keynote Speech 8

11:35-11:45 Title: Czech Aircraft already flying in China
Vit Kotek, Head of Marketing & Sales at Evektor-Aerotechnik a.s.

17:45-17:55 Keynote Speech 9

11:45-11:55 Jing Zhang, Deputy Director of Beijing Guoke Photoelectricity Technology Co., Ltd.

Sino-European

Optoelectronics and Microwave Innovation

Cooperation Matchmaking Meeting

Overall Plan

Online B2B Matchmaking(simultaneous interpretation),

June 17th (15:00 in China, 9:00 in France)

Institutional Recommendation

15:00-15:10 Zhongguancun Overseas Science Park by Xiaopeng Zhao,

09:00-09:10 President of ZOSP

15:10-15:20 Alpha-RLH and PIMAP+ Project by Alithea Lafaye, European

09:10-09:20 PIMAP+ Project manager

B2B Matchmaking

15:20-15:30 1.Present situation and trend of Intelligent driving Technology

09:20-09:30 Guangcai Zou, Deputy Director of National New Energy Vehicle

Technology Innovation Center, Deputy Secretary General of
China Automotive Chip Industry Innovation Strategic Alliance

15:30-15:40 2.Radio and radar technology for harsh industrial processes

09:30-09:40 Patrik Ottoson, CEO of Radarbolaget

15:40-15:50 3.Terahertz technology and its application

09:40-09:50 Guangsheng Wu, The President of Shenzhen Huaxun Fangzhou
Technology Co., Ltd.

15:50-16:00 4.Metal tube processing technology

09:50-10:00 Bo Hu, Area Sales Manager, BLM Group

16:00-16:10 5.High performance Laser radar and its industrial appliance

10:00-10:10 Da Shu, CTO of Benewake Co., Ltd.

16:10-16:20 6.All Electric Aviation - the way to greener flying is paved

10:10-10:20 Jakub Hencel, Chief Operations Officer, MGM

16:20-16:30 7.Developing advanced equipment based-on core technology
of CNC

Jihong Chen, Director of National NC System Engineering
Research Center, Chairman of Wuhan Huazhong CNC Co., Ltd.

16:30-16:40 8.Ultra-sensitive Intensified cameras and applications

10:30-10:40 Benjamin Fradin, Sales and Business development Manager
of Photonis Company

16:40-16:50 9.Xu Wang, Deputy General Manager of Changguang Daqi
technology Co., Ltd.

16:50-17:00 10.Thz wavelength for non-destructive applications

10:50-11:00 PhD Amalya MINASAYAN, Business Development Manager of
I2S company

17:00 Question and Answer

11:00

Sino-European

Optoelectronics and Microwave Innovation Cooperation Matchmaking Meeting

Speaker Information

XU Guanhua

XU Guanhua, born in December 1941 and a native of Shanghai, is a professor (research). He was elected as an academician of the Chinese Academy of Sciences in 1991. He is also an academician of the Third World Academy of Sciences, foreign member of the Royal Swedish Academy of Engineering Sciences, academician of the International Academy of Astronautics, and Honorary Professor of the Chinese University of Hong Kong, as well as the recipient of honorary doctorates from a number of universities, including the City University of Hong Kong, the Hong Kong Polytechnic University, the Asian Institute of Technology, and the University of Maryland (for public service).



He graduated from Beijing Forestry University in 1963, majoring in forestry. From 1979 to 1981, he was engaged in research on remote sensing and digital image processing at Stockholm University, Sweden. From 1984 to 1992, he was the Director of the Institute of Forest Resource Information Techniques, Chinese Academy of Forestry. From 1993 to 1994, he was the Director of the Institute of Remote Sensing Applications, Chinese Academy of Sciences. From 1994 to 1995, he was the Vice President of the Chinese Academy of Sciences. From 1995, he served successively as Vice Minister of the State Science and Technology Commission (later renamed the Ministry of Science and Technology) and Vice Minister of Science and Technology. From 2001 to 2007, he served as Minister of Science and Technology. From 2008 to 2012, he was a member of the Standing Committee and Director of the Committee of Education, Science, Culture, Health, and Sports of the 11th National Committee of the Chinese People's Political Consultative Conference (CPPCC). In 2010, he served as head of the expert panel on global change research in China's major scientific research programs. Since 2011, he has been the head of the Expert Advisory Group of the National Basic Research Program of China (973 Program).

Sino-European

Optoelectronics and Microwave Innovation Cooperation Matchmaking Meeting

Speaker Information

Jean Pierre RAFFARIN

Born in 1948 in Poitiers, Mr. Jean-Pierre Raffarin is graduated from l'École Supérieure de Commerce de Paris (ESCP). He was senior lecturer at the Institut d'Études politiques of Paris and he occupies this position at ESCP Europe since 2007.



Political career at the national level

From 1988 to 2002, he was President of the Regional Council of Poitou-Charentes and presided over the Association of French Regions. Meanwhile, he was also a member and questor of the European Parliament.

From 1995 to 1997, he was appointed Minister of Small and Medium Enterprises, Commerce and Craft. Appointed by Jacques Chirac, he was the French Prime Minister from May 2002 to May 2005.

Elected Senator of Vienne from 1995 to 2017, he also occupied the position of Vice-President of the Senate from March 2011 to September 2014. Moreover, from October 2014 to July 2017, he was President of the Foreign Affairs, Defense and Armed Forces Committee of the Senate.

Since the beginning of his political involvement, he is a member of governing bodies of Center-Right political family.

International activities

Advisor to BOAO Forum (Asia);

Chairman of the Foundation Prospective and Innovation;

Chairman of France—China Committee Annual Forum;

Chairman of the Foundation Leaders for Peace

Board member of the China Europe International Business School (CEIBS) in Shanghai;

Board member of the “Praemium Imperial” – Tokyo;

President of the French Republic’s personal representative for Francophony from 2009 to 2012;

Several presidential missions, including the one related to economic relations with Algeria.

French Special Representative for China (since January 2018).

Sino-European

Optoelectronics and Microwave Innovation

Cooperation Matchmaking Meeting

Latest publications

Ce que la Chine nous a appris, book in chinese written with Anne-Marie Raffarin, 2010

Je marcherai toujours à l'affectif, Flammarion 2012

Chine, le Grand Paradoxe : pour le réveil de l'Europe, aux éditions Michel Lafon, 2019

Sino-European

Optoelectronics and Microwave Innovation

Cooperation Matchmaking Meeting

Speaker Information

Hervé G. Floch

CEO of the ALPHA-RLH competitiveness cluster (France).

President of the "Europe" committee at Association Française des Pôles de Compétitivité (AFPC).

Vice-President of the European Cluster Association (ECA)



Hervé G. Floch is the General Manager of ALPHA – Route des Lasers & des Hyperfréquences® (ALPHA-RLH) French competitiveness cluster created in January 2017 and resulting from the merger between the ex-Route des Lasers® (Bordeaux) and Elopsys (Limoges) clusters. He instigated the signature of several inter cluster MoU as with Aerospace Valley (France), Medicen (Ile-de-France), Tecnalia (Spain), HPhos (Greece), Arizona Optics Valley (USA) or Optonique (Canada) and has supported inter regional clustering and attended European Cluster Collaboration Platform (ECCP) sponsored matchmaking missions. As the President of the "Europe" Committee of the French Association of Competitiveness Clusters (AFPC), he has been involved into the European Cluster Excellence Initiative (ECEI2) launched by the European Commission to work out and propose an exit strategy and a process leading to an improved European Cluster Excellence Policy with a particular focus on a higher level of transparency, accountability, efficiency and quality of the current European benchmarking and labelling scheme. The new system resulting from this novel process will consist of setting up an international non-for-profit association under Belgian law named EUCLES (European Cluster Labelling Excellence System) that should be implemented from 2021 onwards. He is also currently the Vice-President of the European Cluster Alliance which was created in 2019. He has 35+ years of experience in optics-photonics technology development in France after graduating from École Nationale de Chimie, Physique et Biologie de Paris with a MSc in Chemistry from Faculté des Sciences d'Orsay in 1984. He is CEA employee and since 2011 on-loan to take on the role of managing ALPHA-RLH cluster. He has record of sustained and significant contributions, patents and technology transfers to the development of optical-coatings by the sol-gel process and high precision optics for high-power lasers (Laser Mégajoule facility) and his work to develop optical thin-films and its transfer in the industry has been recognized by several awards.

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Sino-European

Optoelectronics and Microwave Innovation
Cooperation Matchmaking Meeting

Speaker Information

SU Donglin

Member of Chinese Academy of Engineering (CAE)

Ms. SU Donglin is an expert in electromagnetic field and microwave technology. She was born in Laiwu City, Shandong Province, and received her bachelor, master, and doctorate degrees in engineering from Beijing University of

Aeronautics and Astronautics (now known as Beihang University) in 1983, 1986, and 1999, respectively. She is now a professor and doctoral supervisor at the School of Electronics and Information Engineering of Beihang University, Director of the Institute of EMC Technology of Beihang University, and Director of the Key Laboratory of Electromagnetic Environmental Effects of Intelligent System and Equipment directly under the Ministry of Industry and Information Technology.



Prof. SU has long been engaged in the research of electromagnetic compatibility and engineering application, and has presided over more than 30 major equipment electromagnetic compatibility projects. She was awarded one first prize of State Technological Invention Award, and two second prizes of National Science & Technology Progress Award. She has been granted 38 national invention patents and published 72 SCI/EI papers. Prof. SU is a recipient of the special government allowance from the State Council. She was awarded honors such as the National Women's Pacesetter, National May 1 Labor Medal, etc.

Sino-European

Optoelectronics and Microwave Innovation Cooperation Matchmaking Meeting

Speaker Information

John Lopez

John Lopez was awarded from the French graduate school of Physics and Chemistry of Bordeaux in 1993. He got his PhD on laser ablation of polymers at the University of Bordeaux in 1997. He has a permanent position as a senior research engineer in the French CNRS since 2001 and he is currently working in a public institute in the UNIVERSITY OF BORDEAUX. He is known worldwide as an expert in laser ablation and laser micro machining. His current research topics are metals and transparent material processing, GHz-burst material processing, beam shaping and laser-assisted eye surgery. He is the author of nearly 30 peer-reviewed scientific papers, 90 proceedings and 7 patents. He is also involved as a senior expert in ALPhANOV. He is the President of the French association of industrial laser users called Club Lasers et Procédés since 2010 and in the board of PHOTONICS FRANCE since 2018. He was a member of the LIA Board of Directors from 2017 to 2019.



Association presentation :

The Club Laser & Procédés (CLP) is an independent association under the 1901 law, which brings together the key actors in the field of industrial laser technologies and processes. Being a member of the CLP means joining a dynamic professional network, participating in the development and promotion of the laser industry. Within the CLP, communication and dissemination of information takes place both in a bottom-up and top-down manner. Members communicate information to the association and vice versa. For 30 years, the CLP has carried out actions for the benefit of its members to give them more visibility with order givers and industry.

Siteweb : www.clp-laser.fr/en/pages/home

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Sino-European

Optoelectronics and Microwave Innovation

Cooperation Matchmaking Meeting

Speaker Information

BEN De

BEN De, born in Changchun, Jilin Province, was graduated from Harbin Institute of Technology. He currently serves as deputy director of the Science and Technology Committee of the 14th Research Institute of China Electronics Technology Group, dean of the College of Electronic and Information Engineering in Nanjing University of Aeronautics and Astronautics, and also Part-time professor in more than ten universities including Peking University, Harbin Institute of Technology, Nanjing University, National University of Defense Technology, etc. He has been engaged in the research and design of radar system engineering, and has made outstanding contributions to the progress and development of radar in China. He was awarded one First Class Prize of National Science and Technology Progress Award, two Special Prize of Science and Technology Achievement of the Ministry of Electronics Industry, one Guanghai Fund Special Award, and the title of the Second Nanjing's Top Ten Science and Technology Stars. He was elected an Member of the Chinese Academy of Engineering in 2001.



Sino-European

Optoelectronics and Microwave Innovation

Cooperation Matchmaking Meeting

Speaker Information

Barbara Previtali

Barbara Previtali is a full Professor of Manufacturing within Politecnico di Milano - Department of Mechanical Engineering, chair of SITEC- Laboratory for Laser Applications and co-chair of the AddMe_Lab, the laboratory for metal additive processes of the Department of Mechanical Engineering. Her research interests are in the field of laser-matter interactions, optical engineering, laser-based manufacturing techniques, and laser-based additive manufacturing processes.



Role: Full Professor of Manufacturing – Department of Mechanical Engineering

Presentation of Politecnico di Milano:

Politecnico di Milano is a scientific-technological university which trains engineers, architects and industrial designers.

The University has always focused on the quality and innovation of its teaching and research, developing a fruitful relationship with business and productive world by means of experimental research and technological transfer.

Research has always been linked to didactics and it is a priority commitment which has allowed Politecnico Milano to achieve high quality results at an international level as to join the university to the business world. Research constitutes a parallel path to that formed by cooperation and alliances with the industrial system.

Knowing the world in which you are going to work is a vital requirement for training students. By referring back to the needs of the industrial world and public administration, research is facilitated in following new paths and dealing with the need for constant and rapid innovation. The alliance with the industrial world, in many cases favored by Fondazione Politecnico and by consortiums to which Politecnico belong, allows the university to follow the vocation of the territories in which it operates and to be a stimulus for their development.

The challenge which is being met today projects this tradition which is strongly rooted in the territory beyond the borders of the country, in a relationship which is developing first of all at the European level with the objective of contributing to the creation of a single professional training market. Politecnico takes part in several research, sites and training projects collaborating with the most qualified European universities. Politecnico's contribution is increasingly being extended to other countries: from North America to Southeast Asia to Eastern Europe. Today the drive to internationalization sees Politecnico Milano taking part into the European and world network of leading technical universities and it offers several courses beside many which are entirely taught in English.

Site web : www.polimi.it/?&L=1

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Sino-European

Optoelectronics and Microwave Innovation Cooperation Matchmaking Meeting

Speaker Information

Xuejun Zhang

Changchun Institute of Optics, Fine Mechanics and Physics (CIOMP), CAS

Xuejun Zhang received his Ph.D degree from Changchun Institute of Optics and Fine Mechanics (CIOMP) in 1997. He is now vice president of CIOMP and director of Key Laboratory of Optical Manufacturing and Testing. Dr. Zhang has been engaged in optical system design, manufacturing and testing for more than 20 years, as principle investigator, he has completed numbers of national research projects and won three National Awards for Achievements in Science and Technology (1999, 2008, and 2011). He received NSF' funding for Excellence in 2000. He has completed more than 10 national projects and is also the leader of the team of 30 Meter Telescope (TMT) Tertiary Mirror Manufacturing. Dr. Zhang is Fellow of SPIE and member of OSA and has published over 100 peer reviewed technical papers.



Introduction of CIOMP:

Changchun Institute of Optics, Fine Mechanics and Physics (CIOMP) was founded in 1952 focusing on luminescence, applied optics, optical engineering, and precision mechanics and instrumentation. Since its establishment, CIOMP has developed more than a dozen "First of China" advanced instruments such as the first ruby laser and the first large theodolite, etc. The research has resulted in more than 1,000 patents and 1,700 completed research projects. By sponsoring and helping to set up more than 10 research institutes, colleges, and enterprises, CIOMP has contributed 2,200 professionals to other national institutions, among whom 23 professionals have been elected as academicians of the Chinese Academy of Sciences (CAS) or the Chinese Academy of Engineering (CAE). CIOMP has been involved in many important national projects, such as the manned space projects. CIOMP has made great contributions to China's economic development and social progress. CIOMP now hosts an International Optoelectronic Innovation Cluster, 6 State Key Laboratories and research centers, and 2 CAS Key Laboratories.

Siteweb:<http://english.ciomp.cas.cn/>

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Sino-European

Optoelectronics and Microwave Innovation Cooperation Matchmaking Meeting

Speaker Information

Pedro Vieira



Controlar is more than 26 years old and has a strong position in the market, especially in the automotive industry. With the increase of innovation of its clients, there is the need of a constant upgrade of the used technology by Controlar, including novel concepts of digitalization regarding robotics, artificial intelligence, communication, internet of things among others. Controlar will present some the most innovative projects that has being developed in the previous years, with a focus on test and automation systems for the automotive industry, among other applications.

Biography of Pedro Vieira:

Pedro Vieira works in the R&D Department of Controlar since 2018. From 2020 he is also Business Development Manager, with a special focus in new markets and commercialization of innovative products.

He has a MSc in Medical Electronics by University of Minho and he is currently finishing his PhD in Biomedical Engineering, that is focused on image processing of capsule endoscopy videos using machine learning.

Company presentation :

Founded in 1995, CONTROLAR has been growing steadily and expanding its business to several advanced industrial applications. The company has become a reference in the Industrial Automation and Test Systems fields both nationally and internationally.

Supported by skills such as hardware and software development, systems integration and development, functional and quality tests for electronic devices and robotics, the company holds a significant portfolio of projects and services. Among its references are multinational companies and its partnerships include leading manufacturers around the world.

With more than two hundred employees, Controlar operates through a network of global production units and companies (Portugal, Spain, Mexico and Malaysia), regional offices and partners (Germany and India). All of these work together with combined synergies as a multidisciplinary workforce to meet customers' needs and expectations.

Site Web : <https://controlar.com/>

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Sino-European

Optoelectronics and Microwave Innovation

Cooperation Matchmaking Meeting

Speaker Information

ZHANG Xiaohua



Mr. ZHANG Xiaohua, a professor-level senior engineer, is currently the Deputy General Manager of State Grid Jibei Electric Power Co., Ltd., and a member of judging panel for the Science and Technology Progress Award of the State Grid Corporation. He was successively granted more than 30 honors such as the Science and Technology Progress Award of the State Grid Corporation, the Science and Technology Progress Award of Jiangxi Province, the Science and Technology Progress Award of Henan Province, the Science and Technology Progress Award of Jiangxi Electric Power Corporation, and the Science and Technology Progress Award of Henan Electric Power Corporation. Having published more than 20 academic papers and 2 monographs, he has more than 30 years of work experience in power system operation and management, and the operation, control and operational management of national-level power grids.

Keynote Speech:

Smart Panoramic System and Smart Panoramic Power Grid

Abstract:

With the burgeoning development of information communication, Internet, IoT, big data and AI technologies, the mankind have ushered in a whole-new era of intelligent, digital interconnection of all things. Hence, there is a pressing need for us to establish a systematic, scientific and general-purpose theoretical and technological system for intelligent cognition and precise decision-making. Taking smart power grid and IoT for the energy sector as examples, the speaker will sketch the strategic backdrop of the smart digital era and new power systems, and then expound on the basic concepts and core connotations of the smart panoramic system. Citing the National Key R&D Program, the speaker will elaborate on the functional framework, product forms and technical systems of the smart panoramic power grid, as well as the functional framework, innovation ecosystem and horizontal industry promotion of the IoT for the energy sector. To conclude, the speaker will envision the progressive promotion of intelligent panoramic system to shore up the construction of a social intelligence ecosystem.

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Sino-European

Optoelectronics and Microwave Innovation
Cooperation Matchmaking Meeting

Speaker Information

Mr Vit Kotek

20 years of experience in aerospace industry. Specialization in Marketing & Sales of General Aviation Aircraft, Production cooperations in Aviation Industry. Marketing and sales of Evektor aircraft in more than 50 countries.



Company presentation:

Evektor Group is a design, engineering and aircraft manufacturing company from the Czech Republic, with 50 year aircraft manufacturing experience and sales network in 40 countries globally. Evektor group produces light sport aircraft and has under development utility twin engine turboprop EV-55 Outback for transportation of 9 / 14 passengers or cargo. The company is also reliable supplier of components for civil and military aircraft industry and has extensive development activities in automotive and mechanical engineering industry.

Site web: www.evektor.cz/en

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Sino-European

Optoelectronics and Microwave Innovation Cooperation Matchmaking Meeting

Speaker Information

Zhang Jing

Dr. Zhang Jing is a researcher, doctoral supervisor, an expert in the "Strategic Advanced Electronic Materials" Major Projects Management Group under the Ministry of Science and Technology (MOST), an expert in the Technology Forecasting Leadership Group under MOST, and an expert in the National Fourteenth Five-Year Plan Group. She is the General Manager of Guoke Photoelectricity Technology Co., Ltd, Deputy Director-General of the National Engineering Research Center for DPSSL, distinguished professor at the Aerospace Information Research Institute of the Chinese Academy of Sciences, distinguished professor at Xi'an Jiaotong University, and the youth member of the Beijing Branch of the Chinese Optical Society. She has been awarded a string of honors as "Beijing New Star of Science and Technology", "Beijing Top-Notch Young Talent", "Beijing Outstanding Talent", "Haidian District Innovation Pacesetter", etc.



Corporate profile

With a particular focus on photoelectricity, Guoke Photoelectricity Technology Co., Ltd. ("Guoke") is a wholly-owned platform of CAS Aerospace Information Research Institute ("AIR") for the commercialization of scientific and technological achievements and the management of state-owned assets, and was established integrating the functions of the CAS Institute of Electronics, CAS Institute of Remote Sensing and Digital Earth and CAS Institute of Opto-electronics. In possession of a wide array of intellectual property assets, Guoke has proudly rolled out a broad spectrum of high-tech products in spheres such as high-power lasers, optical communications, spectroscopy instruments, measurement instruments, etc. Focusing on national strategic needs and sticking to the goal of producing off-the-charts outputs and shoring up the construction of national laboratories, Guoke is committed to research with a higher starting point, a broader picture and a full-chain layout in the realm of aerospace information.

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Sino-European

Optoelectronics and Microwave Innovation Cooperation Matchmaking Meeting

Speaker Information

Zhao Xiaopeng

Zhao Xiaopeng, born in April 1979, holds a master's degree from Guanghua School of Management, Peking University. He is currently the Director of the International Operations Department of Zhongguancun Development Group ("ZGC Group"), the Board Chairman and General Manager of ZGC International Holding Limited, and the Board Chairman and General Manager of Beijing Zhongguancun Overseas Science Park Co., Ltd.



He has long been engaged in international economic and technological exchanges and cooperation and once served as an operation and management director in a large-sized state-owned enterprise.

Since joining ZGC Group, he has been assigned the duty of overseeing international business expansion and management, overseas project investment and management, overseas fund establishment and management, overseas incubator operation and management, overseas exhibition promotion, international cooperation, etc.

As the international operation arm of ZGC Group, Beijing Zhongguancun Overseas Science Park Co., Ltd. has established the Zhongguancun Silicon Valley Innovation Center in the core area of Silicon Valley and gradually expanded its businesses to North America, Europe and Israel. Envisioning a pivotal presence in the international innovation community, the company has forged a sprawling international innovation network covering multiple sites rich in global innovation resources. By establishing an overseas technology innovation service platform underlain by project incubation & acceleration spaces, overseas offices, overseas mentors and project libraries, the company is committed to providing multilateral technology companies and start-up teams with value-added services such as office space, business matchmaking, incubation, consulting, training and investment services. Meanwhile, the company is also exploring the possibility of setting up an outbound investment capital platform. He



Sino-European

Optoelectronics and Microwave Innovation

Cooperation Matchmaking Meeting

is currently a partner of the Zhongguancun Global Innovation Fund of Funds and the director and member of the Investment Committee of Zhongguancun Jianxin Linghang Fund. Through the establishment of parent-child funds and M&A funds, he has contributed to the establishment of a sophisticated investment system for the overseas innovation industries.

Siteweb:<http://www.zosp.com.cn/>

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Sino-European

Optoelectronics and Microwave Innovation

Cooperation Matchmaking Meeting

Speaker Information

Alithéa Lafaye



Alithéa Lafaye, is the European project coordinator of PIMAP+ consortium. Coordinated by ALPHA-RLH (France) it gathers 5 other European clusters: PRODUTECH (Portugal), AFIL (Italy), BUSINESS JOENSUU (Finland), MORAVIAN AEROSPACE CLUSTER (Czech Republic) and TRIPLE STEELIX (Sweden), to strengthen cross-sectoral cooperation in the fields of photonics, advanced manufacturing, metalworking and aerospace industry. Together they provide internationalisation support services for SMEs in four markets: The US, Canada, China and Japan.

The PIMAP+ partnership is a follow-up of the successful activities implemented in the PIMAP Partnership Strand 1 – which build a solid internalisation strategy with 2 MoU signed in USA and Canada – to further enhance the internationalisation capacities of SMEs, accelerate the SMEs access to international markets and further boost the inter-clustering activities and cross-sectorial cooperation between photonics, advanced manufacturing, metalworking and aerospace industry.

Together they accelerate innovation and the industrial modernisation process in Europe and will provide a springboard for cluster SMEs to internationalise and support regional actions through the leverage of photonic technologies and cross sectoral collaboration in key industrial value chains, establishing Business Agreements in 4 country markets: USA, Canada, China and Japan. Their objectives are to support cross-sectoral cooperation among cluster organisations and SMEs, to establish cooperation agreements with international business and research intermediaries in countries beyond Europe, to foster SMEs engagement and SMEs internationalisation and to create a European Identity and explore the possibility to establish a metacluster.

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Sino-European

Optoelectronics and Microwave Innovation
Cooperation Matchmaking Meeting

Speaker Information

Zou Guangcai

Mr. Zou Guangcai, Dr. of Vehicle Engineering of Tsinghua University, Professor of Engineering, Vice President of National New Energy Vehicle Technology Innovation Center, has engaged in Intelligent New Energy Vehicle key technology development and vehicle performance development for many years. He is responsible for New Energy Vehicle technology projects and he has participated in multiple National and Local projects in that area and also many product projects in automotive companies.



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Sino-European

Optoelectronics and Microwave Innovation

Cooperation Matchmaking Meeting

Speaker Information

Patrik Ottoson

2011- CEO • Radarbolaget
2011–2017 M&A • Manger • S-GROUP
2008–2011 Marketing and Business Development • Manger
• ESRI
2005–2008 Project manager • National land survey
2001–2005 CEO • Development council of land information
1996–2001 Researcher • KTH and National road administration
1994–1996 Developer • Metria
1991–1994 Developer • National land survey
1986–1987 Army officer • I14/Fo21



Education

KTH, Stockholm: PhD and Master of Science

InfoHS, Halmstad: Army officer

Professional achievements: Research projects and product development: radio and radar, heat optimization in steel industry, moisture measurements for energy and forest, and calcination measurements in lime and cement industry

Company presentation

Radarbolaget is the company that manufactures radar and radio-based measurement applications for harsh industrial environments. Every day, we strive to create the most accurate radar and radio sensors for most innovative measurement solutions. It is in our belief, that such equipment makes your hidden processes discoverable, which create new customer values. Radar sensors are used for expansion measurements of slabs, blooms, and billets in reheating steel furnaces to determine the steel temperature, mimicking an expanding thermometer, for optimization of the heating process. Radarbolaget has over hundred worldwide installations for steel strip centering in furnaces. Radio sensors are used for measurements and determinations of moisture content in wood chips, timber, and logs to enable correct payment, logistics and better combustion in district heating plants and in the pulp industry. Radio sensors can be used for measurements and determinations of calcination and temperature in lime shaft kilns and in the cement industry. In all research and development projects of Radarbolaget, the created values are connected to energy and environmental savings. In addition, objectives are also connected to higher and more uniform quality, decrement of energy and production costs, increment of productivity, and making processes visible for online control. All solutions are based the proprietary UWB-technology (ultrawide-band) called DiRP (Digital Radar Processor).

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Sino-European

Optoelectronics and Microwave Innovation

Cooperation Matchmaking Meeting

Speaker Information

Wu Guangsheng

Wu Guangsheng, doctor, professor, Ph.D tutor, senior economist, senior engineer, China Communications Technology Group (controlling shareholder of ST stock code 000687) and founder of Reinvestment China Communications Technology Group, dean of Honggu Central Research Institute, dean of Shenzhen Institute of Terahertz Technology and Innovation, Director of China Communications Technology /Reinvestment China Communications Science and Technology Committee, Standing Committee of All-China Federation of Industry and Commerce, Vice President of All-China Federation of Science and Technology Equipment Industry Chamber of Commerce, National "Science and Technology Innovation and Entrepreneurship Talent", Science and Technology Entrepreneurship Leading Talent of National "High-level Personnel of Special Support Program", and one of the 100 "Outstanding Socialist Builders with Chinese Characteristics" selected for the 70th anniversary of the founding of the People's Republic of China.



Enterprise Profile

China Communications Technology Co., Ltd. (referred to as "CCT") is a national high-tech enterprise focusing on the research and development and application of high spectrum technologies including Ku/Ka/THz, with a number of independent algorithms and core intellectual property rights based on semiconductors in the field of THz, committed to becoming a global integrated information service provider for optoelectronic information. At present, having established a THz industrial platform, with business covering national security, public security, information security, economic security and other fields, CCT has built industrial chains such as security, life and health, industry, communication and big data, and independently developed products and solutions including chips, THz active/passive security inspection instruments, THz time domain spectrum analyzers, satellite ground receiving systems, satellite emergency systems, commercial small satellites, vehicle-mounted radars, smart cities, etc.

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Sino-European

Optoelectronics and Microwave Innovation

Cooperation Matchmaking Meeting

Speaker Information

Bo Hu

Role: Area Sales Manager

Joined BLM Group as Area Sales Manager in 2018, responsible for sales network development and sales growth in markets as China, Taiwan, Thailand, Vietnam etc.

Main tasks include enhancing BLM presence in greater China area; promoting BLM products and strengthening company commercial goals and policy; also identifying market needs and collecting customer feedback to share with Italy headquarter to support product development; taking care of customer satisfaction.



BLM Group is dedicated to designing, manufacturing, and digitizing systems for processing tubes, wires, and sheet metal.

>They make innovative products that are, above all, easy to use.

> They have been creating solutions that generate value and stand the test of time.

The corporate structure of the BLM GROUP is the following:

- BLM S.P.A.

Specialized in tube and wire bending technology, end-forming, and 5-axis laser cutting.

- ADIGE S.P.A.

Specialized in tube cutting technology, both laser and traditional processing.

- ADIGE-SYS S.P.A.

Specialized in sheet laser cutting technology and tube and bar turning systems.

Siteweb : www.blmgroup.com

Sino-European

Optoelectronics and Microwave Innovation

Cooperation Matchmaking Meeting

Speaker Information

Shu da

Shuda, PhD, graduated from École Centrale Marseille in France. He was selected as the Beijing Rising-star Plan of Science and Technology and Beijing "Haiying Talent". Currently serving as the CTO of Benewake (Beijing) Co., Ltd., he has been engaged in the research of lidar systems and presided over the research and development of multiple lidar products of the company. Benewake's Lidar products provide artificial intelligence equipment with real-time, accurate, and large-field-of-view environmental perception data to assist customers in exploring safe and intelligent driving and automation. They are widely used in intelligent connected driving, intelligent rail transit, intelligent civil aviation, and intelligent cities, UAV, robot, material level detection, industrial security, intelligent equipment and other industries. As an inventor, Shuda has obtained 9 authorized invention patents and published 7 papers. He is currently working on a high-performance solid-state lidar project based on dynamic scanning Flash technology, and the research and development of a rail transit intelligent sensing application solution based on lidar.



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Sino-European

Optoelectronics and Microwave Innovation

Cooperation Matchmaking Meeting

Speaker Information

Jakub Hencel

8 years' experience with e-mobility applications in aerospace and marine sectors, main specialisation in project and corporate management, solid sales & marketing background



MGM COMPRO is a complex electric propulsion systems designer, developer and manufacturer with more than 30 years of experience in the field of electro mobility. The aerospace industry has been one the main focuses of the company since 2010, when the company launched its first projects of fully electric aircraft. The pioneering era of the electric aviation is gone, now it is high time to get prepared for the certification requirements.

MGM COMPRO is a company focusing on development and manufacturing of state of the art solutions in the area of BLDC and PMSM electric motors control for industrial applications and Electric Vehicles. Unique BMS battery management systems for complex management of energy storage, industrial chargers, battery accupacks, special electronics, etc., are also part of company wide product portfolio altogether with custom-built development and manufacturing. MGM COMPRO also imports batteries for industrial applications. Small as well as large companies, international corporations, armies, research centers and universities belong to our partners.

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Sino-European

Optoelectronics and Microwave Innovation
Cooperation Matchmaking Meeting

Speaker Information

Dr. Chen Jihong

Dr. Chen Jihong is a professor of the School of Mechanical Science and Engineering, Huazhong University of Science and Technology (HUST). He is currently the director of the National NC System Engineering Research Center (NERC) and the chairman of Wuhan Huazhong CNC Co., Ltd (HNC). He served as vice chairman of the CHINA MACHINE TOOL & TOOL BUILDERS' ASSOCIATION (CMTBA), the member of the 8th Science & Technology Commission of Ministry of Education, department of advanced Manufacture.

Prof. Chen has long engaged in the research of intelligent manufacturing and the R&D and industrialization of the CNC system. Successfully developed the HNC-8, the high-performance CNC system, robot controller, the driver, servo motor and a variety of industrial robots. He has led Huazhong Numerical Control Co., Ltd to become the leading enterprise domestically, which is the first listed company domestically in the CNC system industry and the first state-level innovative enterprises. The HNC CNC system has been sold more than 80,000 sets, which are widely used in aerospace, energy and power, machinery manufacturing, automotive, and shipbuilding industries.

In 2015, he was selected as the leader of the national key innovation team of "high-performance CNC system". In 2016, he was selected in the "National Ten Thousand People" program. In 2017, he won the honor of the "Second Prize of National Science and Technology Progress Award". The research results was selected into the top ten scientific and technological progress of chinese universities. He was the winner of CCTV top Ten Technology Innovations in 2018.



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Sino-European

Optoelectronics and Microwave Innovation Cooperation Matchmaking Meeting

Speaker Information

Benjamin Fradin

Born in 1984 in Paris, Mr. Benjamin Fradin de la Renaudiere is graduated from Institut d'Optique Graduate School (SupOptique) and ESSEC Business School. At Photonis, he holds a sales and business development position since 2020, focused on scientific, industrial and infrastructures applications.



Industrial career

From 2006 to 2008, he was an optical engineer at Thales Alenia Space, a satellite manufacturer, and participated in the design of several instruments for European Space Agency programs on Earth observation and study of the Universe.

From 2010 to 2014, he was a business developer for Abylsen, a consulting firm specialized in technology and engineering.

From 2014 to 2018, he worked for Bertin Technologies, an innovation company. First, as a sales manager for space and big science applications (ITER, Laser MegaJoule). Then, as a product manager for electro-optics devices, he promoted the digital fusion technology between Long Wave Infra Red (LWIR) and low-light CMOS.

From 2018 to 2020, he was a sales and product manager for navigation systems dedicated to commercial and naval ships at ATOS.

Company presentation:

Photonis is a high-tech organization experienced in innovating, developing, manufacturing, and selling photo sensor technologies. Our facilities are localized around the world; our headquarters are located in Merignac (France) and we have production facilities located in Brive-la-Gaillarde (France), Roden (The Netherlands), Sturbridge (United States of America) and Lancaster (United States of America). In these facilities our operators work daily on supplying our customers with a wide range of high performance products, each supported by departments such as Research & Development (R&D), Engineering and Program Management.

Our R&D, Engineering and Program Management teams work every day on our current product line, as well as innovative new technologies and solutions. These developments are extremely important to ensure that we are providing our customers with the best products possible

Sino-European

Optoelectronics and Microwave Innovation Cooperation Matchmaking Meeting

We treasure all of our relations and customers around the world. To serve them as best as possible, our global Sales team answers all of the questions with support from our Business Development team, Back Office team and Marketing and Communications professionals. Due to the efforts of our global team we have sold to the special forces of all NATO-aligned countries, the professors of CERN, and have been a part of several space missions.

We are a global manufacturer of electro-optic components used in the detection and amplification of ions, electrons and photons. We are focused on mission critical components aimed at highly demanding customers. We innovate and engineer quality components for integration into a variety of applications such as night vision optics, digital cameras, mass spectrometry, physics research, space exploration and many others.

We design and manufacture in our facilities across the globe and work with our customers to continually improve and innovate our products. We are the most widely deployed night vision tube globally, lead the mass spectrometer detector market, and have products installed in most space telescopes and high energy physics experiments in laboratories around the world.

We are active in the following markets:

- Analytical Instrumentation
- Defence
- Medical
- Nuclear Instrumentation
- Security and Surveillance
- Space and Physics

Siteweb : www.photonis.com

Contact : balthazarboyer@gmail.com (China representative)

b.fradin@photonis.com (for UV and Intensified cameras related inquiries)

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Optoelectronics and Microwave Innovation

Cooperation Matchmaking Meeting

Speaker Information

WANG Xu

Dr. WANG Xu is currently Deputy General Manager of Changguang Daqi technology co., LTD mainly responsible for the research of rapid MR machining technology for complex surfaces and the construction of MR process team. He was the project manager for innovation projects and national sub-projects in CIOMP and has published 13 papers on peer-reviewed EI journals and 1 paper on SCI journal.

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Sino-European

Optoelectronics and Microwave Innovation

Cooperation Matchmaking Meeting

Speaker Information

PhD Amalya MINASAYAN

Université Laval

Doctor of Philosophy (Ph.D.)

Field Of Study Optics/Optical Sciences

Dates attended or expected graduation 2011 – 2015

Yerevan State University

Master's degree

Field Of Study Optics/Optical Sciences

Dates attended or expected graduation 2008 – 2010

Activities and Societies: Member of Student Scientific Society

Yerevan State University

Bachelor's degree

Field Of Study Physics

Dates attended or expected graduation 2004 – 2008

Graduated with Honor

Current position at I2S:

Business Development Manager - Terahertz Imaging

International business development / Technical sales / Product

development and management / Product marketing /

Customer-relationship management (CRM) / Strategic

marketing / Project management

Company presentation :

Since 2000, i2S DigiBook has been designing, manufacturing and marketing scanners for books, maps and any type of bound documents up to 2xA0 format, as well as dedicated image-processing software suites. In 2011, i2S group has acquired Kirtas Technologies becoming the largest group in the world for Cultural and Administrative Heritage digitization and web-promotion solutions. By being present in 80 countries, involved in research and development programs (Polinum), partner in national digitization programs and with hundreds of thousands documents housed and printable on demand, i2S DigiBook has started to build the most complete offer to help all public or private heritage organizations to manage with success their digitization, enrichment, long term storage, dissemination and return on investments objectives.

Applications:

Digitizing solutions, Industrial camera, Optronics systems, Book scanner, Biomedical camera, OEM camera, Vision components, Vision integration, and Optronic systems

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