

LMN

WORLD LASER

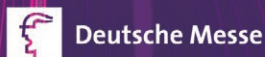
MANUFACTURING CONFERENCE

**Laser Manufacturing Network
to connect key industry players**

27-29 September, 2021

Shenzhen China

www.world-laserconference.com



广东省激光行业协会
Guangdong Laser Industry Association

LMN World Laser Manufacturing Conference 2021

WELCOME MESSAGE



Prof. Gerard Mourou, Nobel Laureate 2018:

It is a great pleasure to welcome you all to the LMN World Laser Manufacturing Conference 2021, which will be take place in Shenzhen China.

As we all know, in response to the development of international industry demand, the laser industry and technology have begun to develop towards 5G semiconductors and smart vehicle process requirements. The LMN Laser Conference is just an ideal forum for you to exchange know-how and explore the innovations.

The conference committee will organize a series of special events during three days. I encourage you to attend the conference and submit your most recent research results.

Wish LMN Laser Conference 2021 a great success and also wish you an enjoyable stay in the beautiful city of Shenzhen, China.



Dr. Moritz Förster, Managing Director of Working Committee Laser and Laser Systems for Material Processing within VDMA:

On behalf of the VDMA, I would like to thank the Team of the LMN World Laser Manufacturing Conference for the professional implementation of the LMN 2020. As the largest industrial association in Europe, the VDMA represents the interests of the German and European mechanical engineering industry.

One of the departments in the VDMA is dedicated to laser technology with a focus on material processing and I look forward to representing the VDMA at the upcoming LMN 2021 event.

The implementation as a hybrid event worked out very well in the extraordinary year 2020. I hope that in the future it will not be so much affected by the Corona pandemic and wish good success for 2021.



WELCOME MESSAGE



Dear colleagues and friends,

Thank you for your long-term attention and support to LMN World Laser Manufacturing Conference! The LMN World Laser Manufacturing Conference is jointly organized by Hannover Milano XZQ Exhibitions (Shenzhen) Co., Ltd and Hannover Milano Fairs Shanghai Ltd. Relying on the global superior resources and professional experience of its headquarter Deutsche Messe AG, the Conference aims to create a first-class event of technological innovation and application.

Since the reorganization and upgrade of the Conference in 2019, it has been successfully held for two years and has a wide range of influence in the industry. It has attracted world-renowned experts and representatives from the United States, Canada, Germany, France, Russia, Switzerland, Belgium, Lithuania, Australia, Japan, Singapore, Taiwan, Hong Kong and other countries and regions to discuss cutting-edge issues and development trends of the laser industry. The Conference has been strongly supported by many associations including IEEE Photonics Society, OSA and VDMA and also won positive feedback from both speakers and attendees.

In recent years, the rapid development of industries such as mobile Internet, cloud computing, and 5G has accelerated the upgrading of the optical communication industry. We have noticed that the Chinese government has introduced a series of encouraging policies to support the optical communication industry, and key optical devices such as optical modules and optical chips are the key to the development of optical communication. Shenzhen, where the Conference will be held, is the gathering place of China's laser industry. The scale of laser industry of Shenzhen in 2019 registered over 26 billion yuan, accounting for about 70% in Guangdong Province, and 25% of the national total amount thanks to the gradually formed integrated laser industrial system comprising upstream core components, midstream processing equipment and downstream applications.

Under such background, LMN World Laser Manufacturing Conference 2021 will be held in Shenzhen, China from 27–29 September, 2021 and will further enhance its scale and quality. According to the schedule, the opening ceremony and plenary session of the Conference will be held on 27 September; several parallel forums will be held from 27–29 September. At that time, the gurus in the optoelectronics and laser industry from all over the world will gather in Shenzhen to share and discuss the latest issues on 5G, new energy, new infrastructure, smart cars, biomedical and 3C product technology.

We sincerely invite you to attend LMN World Laser Manufacturing Conference 2021, become a guest speaker or a member of the Conference, and jointly contribute to the development of the world laser industry!

Best wishes!

Dr. Jochen Köckler
Chairman of the Managing Board, Deutsche Messe AG

ORGANIZATIONS

| Sponsors:

Deutsche Messe AG

Chinese Laser Industry Community Alliance

| Hosted by:

Guangdong Laser Industry Association

Shenzhen Association for Science and Technology

| Organizers:

Hannover Milano XZQ Exhibitions (Shenzhen) Co., Ltd

Hannover Milano Fairs Shanghai Ltd

| Co-organizers:

Shenzhen Zhizao Laser Technology Research Institute

Shenzhen Instrument & Control Society

Laser Manufacture News

| Supporting Organizations (tentative):

The Optical Society (OSA)

Working Committee Laser and Laser Systems for Material Processing within VDMA

Laser Zentrum Hannover e. V. (LZH)

CIS-Laser Association

The Optical Society of Japan

Swiss Society for Optics and Microscopy

Northern Laser Research Institute (Southwest Institute of Technical Physics)

Taiwan Laser Technology Application Association

Guangdong Optical Society

Guangdong Laser Industry Technology Innovation Alliance

Wuhan Laser Association of Optics Valley of China



01

Present Your Organization's Work on a Global Stage

LMN World Laser Manufacturing Conference is an important event in the laser industry, gathering experts and senior representatives from all over the world. As a speaker at LMN 2021, you will have a great opportunity to showcase your expertise and knowledge to key players in the field of optics, photonics and laser technology, which will increase your reputation within the sector.

02

Discuss and Overcome Issues in the Field

LMN 2021 offers unrivalled opportunities to work with other key leading experts from the universities and industries to discuss the main challenges in the sector and to come together to produce strategies to find solutions to these problems.

03

Network with the Key Players from the Sector

The attendees of LMN include academic researchers, corporate executives and technical directors, from metal processing, communications, 3C, and automotive manufacturing and other related fields. Be it forging partnerships, finding customers or building collaborations, LMN 2021 is the non-stop forum for knowledge sharing and collaborations.

04

Become a Member of the Council

The Council of LMN World Laser Manufacturing Conference aims to promote the innovation, networking and cooperation in laser manufacturing technology among different countries. Be a member of the Council! You will have a great opportunity to join to propose the sessions of the event, as well as talk about the trend of the laser industry with other experts to help participants get the latest advances and provide them with fresh ideas.

05

Chair at LMN 2021

To increase your presence at the event, why not chair the event, a day, or a specific session to present yourself and your organization as one of the leading players in a specific topic area? As a chair, you will work closely with us and our line-up of senior level speakers to ensure an event's success.

06

Competitive Advantage

You'll stand out if you're a sponsor and your major competitors aren't. If your competitors have already decided to be sponsors, your sponsorship becomes even more important, to assert your comparative market strength and your commitment to be healthy.



01 OPTICS

- Optics and Biomechanics
- Adaptive Optics
- Interferometry
- Optical Imaging, Sensing and Machine Vision
- Applied Industrial Optics
- Optical Computing
- Spectroscopy, Imaging and Metrology
- Biomedical Optics
- Fiber Optics
- Optical Materials and Devices
- Optical Instrumentation
- Optogenetics

03 LASER TECHNOLOGY

- Laser Systems
- Organic Lasers
- Fiber Lasers and Applications
- Laser Spectroscopy and Microscopy
- Plasma Technologies
- Quantum Electronics
- Quantum Information and Measurement
- Semiconductor Lasers and LEDs
- Laser Science and Laser Nanotechnology
- Laser Ultrasonics Techniques and Applications
- Laser Damage
- Biomedical and Therapeutic Laser Applications

02 PHOTONICS

- Organic and Bio-photonics
- Photodetectors, Sensors and Imaging
- Photonic and Optoelectronic Materials and Devices
- Photonics for Energy
- Plasmonic Structures and Quantumdots
- Ultrafast Electronics, Photonics and Optoelectronics
- Green Photonics and Microwave Photonics
- Molecular Photophysics and Spectroscopy
- Nanophotonics and Optical Manipulation
- Optofluidics

04. Nonlinear Optics and Photonics

05. Organic Optoelectronics and Integrated Photonics

06. Advanced Technologies in Lasers, Optics and Photonics

07. Quantum Cryptography

08. MOEMS-MEMS

09. Applications and Trends in Optics and Photonics

10. Challenges and Current Trends

11. Industrial Applications of Lasers and Photonics

12. Optical Communications, Switching and Networking

13. Optics in Astronomy and Astrophysics

14. Silicon and Carbon Photonics

15. Advanced Imaging for Photonic Materials

Theme: Intelligent Laser Manufacturing to Light Up the Future

Topic

- Status and prospects of international cutting-edge laser technology
- How does the laser industry face new opportunities in the post-epidemic era
- The application and development of laser in 5G, new energy, new infrastructure, photonics and quantum communications
- Application of advanced laser in automotive light weighting, automotive electronics, smart cars, new energy vehicles and other technologies
- Application of laser technology in biomedical industry and 3C product process

Schedule

Plenary Session 27 September, 2021

- ▶ 09:00 – 10:00 Registration
- ▶ 10:00 – 10:45 Opening Ceremony of LMN World Laser Manufacturing Conference 2021
- ▶ 10:45 – 12:00 Keynote Speeches
- ▶ 12:00 – 13:30 Lunch Break
- ▶ 13:30 – 15:30 Keynote Speeches

Parallel Forums 27–29 September, 2021

New Energy Vehicle Manufacturing and High Energy Laser Technology Conference 2021

Laser Technology Application Conference in 3C Electronics/5G Communication Industry 2021

Laser Technology Application Conference in Biomedical Industry 2021



Prof. Dr. Connie Chang-Hasnain
Member of US National Academy of Engineering

It was a great honor to be able to present a Plenary talk at LMN 2020. Congratulations on the successful launch of the conference during this difficult time with hybrid on- and off- line participation. The venue and organization are fantastic!



Prof. Dr. Carmen Menoni
Distinguished Professor of Colorado State University

The LMN World Laser Manufacturing Conference 2020 was extremely well planned and executed. My virtual participation in the plenary session of the conference was flawless. I listened to all the talks in the Plenary session, including mine, and at the end was able to answer questions live. The Plenary talks covered the most advanced laser applications. I hope that in the future, I will have the opportunity to participate in person. The organization and venue of the conference are impressive. The opportunity to share with our Chinese colleagues our work will pave the way to increased collaborations. Congratulations to the organizers of the LMN 2020 conference for its success.



Prof. Dr. Yury Kulchin
Academician of Russian Academy of Science

It was an honor for me to attend the LMN World Laser Manufacturing Conference 2020. The plenary session of the conference made a great impression on me. Participation in the plenary panel allowed me not only to get acquainted with the latest achievements in the field of photonics, but also to share the results of my research with world experts. I am very sorry that my participation in the conference was held in online regime, which limited my direct communication with carriers of such unique knowledge. The reports of Chinese scientists left an indelible impression on me. For me, this was another proof that China is a developed industrial country today. I am very happy that the partnership between Russia and China is getting stronger every year. This opens up great prospects for cooperation in the field of fundamental photonics and industrial laser technologies.



Dr. Moritz Förster
**Managing Director of Working Committee Laser and Laser Systems
for Material Processing within VDMA**

The LMN 2020 Conference was a complete success from the point of view of the VDMA. I would like to thank, on behalf of the Working Committee "Lasers and Laser Systems for Material Processing" the team of Hannover Milano Fairs Shanghai for the great organization of the event, whether online or on site in Shenzhen.



Prof. Dr. Anand Asundi
Past-Founding-Chair of OPSS

It was a pleasure to speak again at the LMN 2020 event in the new normal. The event was well organized with smooth transition from live to on-line presentations. While live events have their own charm, this event showcased the need for and importance of bringing together people in trying times. Kudos to the organizers and hope we get a chance to meet again in a future event.



Kestutis Jasiunas
Member of Board of Lithuanian Laser Association

It was an honor for me to attend the LMN World Laser Manufacturing Conference 2020. The plenary session of the conference made a great impression on me. There I not only had to learn the latest achievements in the field of photonics, but also had possibility to share the results Lithuanian laser industry and science with world experts. It is pity that my participation in the conference was held in online regime, which limited my direct communication with colleges and specialists from China and all around the world. All reports left an indelible impression on me, especially reports from the Chinese professionals. This opens up great prospects for cooperation in the field of fundamental photonics and industrial laser technologies.



Prof. Dr. Xiao Zhu
President of Wuhan Laser Association of Optics Valley of China, Honorary President of Hubei Laser Society
Director of National Engineering Research Center for Laser Processing, Huazhong University of Science and Technology

This year, I participated in the LMN World Laser Manufacturing Conference 2020 in the whole process, during which I saw the vigorous development of the laser manufacturing industry in Guangdong Province, the great importance attached by the leadership at all levels in Guangdong Province to laser manufacturing as well as the widespread attention and support from all over the world to China's laser industry. These achievements are inseparable from the long-term services of the Organizing Committee in the laser industry. I am convinced that under extensive and in-depth cooperation between Wuhan Laser Association of Optics Valley of China and Guangdong Laser Industry Association, China's laser manufacturing industry will lead the world's development in this regard.



Prof. Dr. Gang Chen
Chongqing University

It's a great honor for me to be invited to the LMN World Laser Manufacturing Conference 2020. It gives me an opportunity to learn from and communicate with top experts and industry leaders in the laser field and laser applications at home and abroad, and learn about current development and future demands of the laser technology and applications, which benefited me a lot. Moreover, by participating in related exhibitions, I further knew about the latest laser application technology in the industry and rapid development of China's laser application technology and related industries. This conference has provided a good communication platform for universities, research institutes, enterprises and users, effectively promoted the integration of application, industry, university and research, and greatly contributed to the development of laser technology and applications. I believe the conference will get better and better and become an internationally renowned laser technology exchange platform in the future.



Prof. Dr. Zongsong Gan
Huazhong University of Science and Technology

It is a great honor for me to be invited by the Organizer to participate in and address the LMN World Laser Manufacturing Conference 2020. In the very special background this year, the conference has been a great success! I am very delighted to make many new friends from global academic and industrial communities through the conference, and discuss and make exchanges with them on the latest laser manufacturing technology of the industry, which sprouts my new ideas and inspirations for current research work! Thanks again to the Organizer for its warm and thoughtful arrangements and look forward to the conference next year!



Dr. Daishu Qian
Shenzhen JPT Opto-electronics Co., Ltd.

It's a great honor to participate in the LMN World Laser Manufacturing Conference 2020, where I communicated with many authoritative experts in the laser sector, and learned about the development of the laser industry in various regions. Thanks to the Organizer for its efforts, and congratulate the success of this conference during the COVID-19 pandemic! I'm looking forward to the next offline event!

IMPORTANT DATES

2021

January	Registration opens
31 March	Early-bird of AD/Sponsorship deadline at reduced cost
28 May	Abstract submission deadline
27-29 September	Conference date
27-29 September	LASERFAIR SHENZHEN 2021
27-29 September	South China International Industry Fair (SCIIF) 2021

LASERFAIR SHENZHEN



LASERFAIR SHENZHEN 2021 is hosted by Guangdong Laser Industry Association and Union of China Laser Industry Societies and is organized by Hannover Milano Fairs Shanghai Ltd. and its joint venture company - Hannover Milano XZQ Fairs (Shenzhen) Co., Ltd., with Laser Manufacture News as the official media for the fair. It now has become one of the most influential laser and photoelectric industry trade fairs in South China.

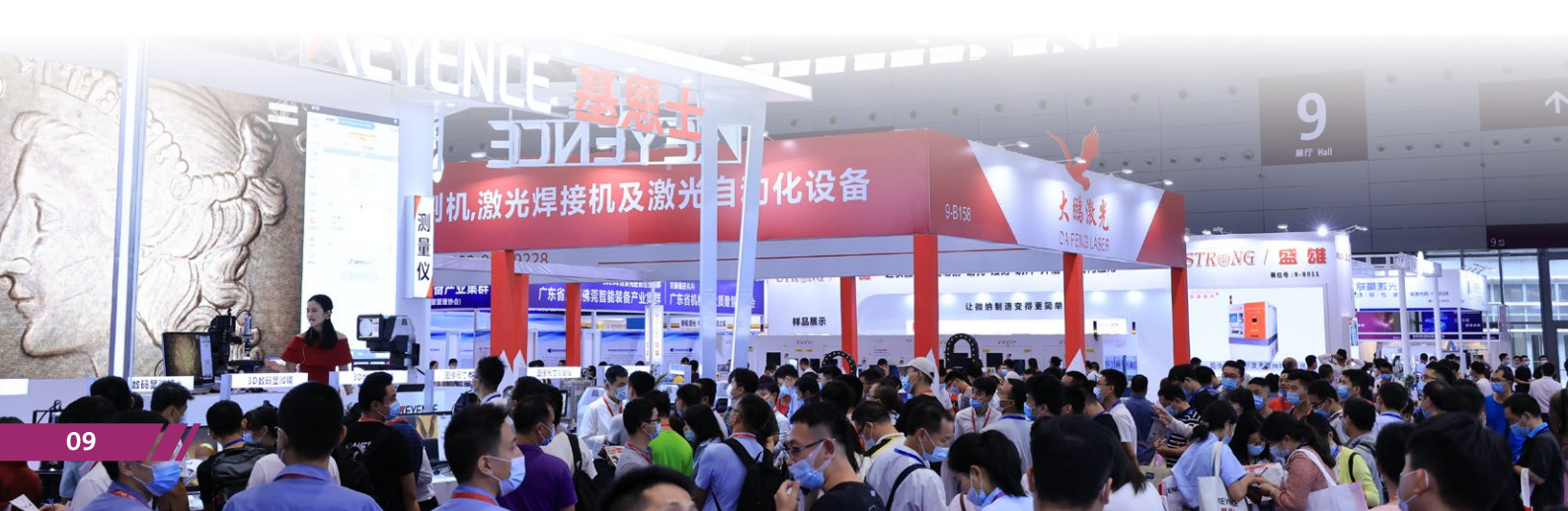
As China's most important laser manufacturing, laser processing technology and production base, South China has already become the focus of China laser and photoelectric industry. LASERFAIR SHENZHEN is dedicated to laser manufacturing technologies and their innovative applications. Exhibit categories include lasers, optical material, optical processing, intelligent equipment, imaging technology, inspection and quality control, robotics, flexible production equipment, laser making equipment, 3D printer, and their applications in automobile, metal processing, consumer electronics, integrated circuits, semiconductors, telecommunications, medical, energy, rail transit, home appliances and sanitation, university research industries.

South China International Industry Fair (SCIIF)



As an industrial mega show in South China jointly hosted by Hannover Milano Fairs Shanghai Ltd. and Eastbast & Lansheng Group Shanghai Industry & Commerce Exhibition Co., Ltd., SCIIF 2020 undoubtedly brought a "new atmosphere" to the intelligent manufacturing industry in the Bay Area in the post-pandemic era. In 2021, the two organizers will further expand the layout of the exhibition, and fully assist the manufacturing industry in the Bay Area and the development in the new era.

After years of cultivation and development, IAMD SHENZHEN and Machine Vision South China concurrent with SCIIF have already possessed a high brand awareness and industry influence, and will unite concurrent theme exhibitions including Metalworking and CNC Machine Tool, Digital Factory, Information & Communication Technology, Advanced Material, Energy Conservation and Industrial Supporting, Circuit Board Equipment and Materials, aiming to build a high-efficiency industrial display and trade platform for the entire industry to help enterprises gain marketing opportunities.



Strategic Cooperation

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(tax included)

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enterprises

 **Silver Crown**

USD20,000
(tax included)

limited to 5
enterprises

 **Crown**

USD13,000
(tax included)

Specific Cooperation

01	Keynote Speech at Parallel Forums	USD8,050 (tax included)
02	Advertising on Conference Bag	USD5,000 (tax included)
03	Insert Materials in Conference Bag	USD3,050 (tax included)
04	Advertising in Conference Abstract (Outside Back Cover, Inside Front Cover, Page 1 on the right hand side of Inside Front Cover, Inside Full Page, One Inside Page)	USD1,500-5,400 (tax included)
05	Advertising in Conference Guide (Outside Back Cover, Inside Front Cover, Page 1 on the right hand side of Inside Front Cover, Inside Full Page, One Inside Page)	USD800-2,800 (tax included)
06	Advertising in Summary (Outside Back Cover, Inside Front Cover, Page 1 on the right hand side of Inside Front Cover, Inside Full Page, One Inside Page)	USD1,500-5,400 (tax included)
07	Conference Badge	USD5,000 (tax included)
08	Badge Lanyard	USD5,000 (tax included)
09	Coffee Break	USD5,000 (tax included)
10	Roll-up Banner	USD1,800 (tax included)
11	Gift	USD 1,800 and above (equivalent gift) (tax included)



Gift



Roll-up Banner



Catalogue



Dinner Reception



LASERFAIR SHENZHEN 2021

The 3rd LMN World Laser Manufacturing Conference

27-29 September, 2021
Shenzhen World Exhibition and Convention Center(Bao'an)

www.laserfair.cn/EN

2021

“Light” Connects World
“Laser” Shapes Future



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South China International Industry Fair

27-29 September, 2021

Shenzhen World Exhibition & Convention Center

www.sciif.com



Concurrent Events:



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*The organizer reserves all the right for final explanation.