



2024年5月21-22日，北京国际会议中心

May.21-22, 2024, Beijing International Convention Center

www.visionchinashow.net vision@mm-sh.com

Beijing, May 22, 2024

Final Report

**Perfect Ending | VisionChina (Beijing) 2024 Concludes Successfully,
Highlighting "New Quality Productive Forces" in Machine Vision**

VisionChina (Beijing) 2024 came to a successful conclusion today. The event attracted **4132** professional visitors and **45** industry gurus, who gathered to discuss the current and future trends in artificial intelligence and machine vision industry. The attendees displayed a high level of motivation, with a significant increase in the number of participants compared to the previous year, the atmosphere was dynamic and full of applaud. This successful conference not only showcased the latest technologies and applications in the field of machine vision, but also provided a significant boost to the innovative development of intelligent manufacturing.

The conference centered around the theme "Vision+AI Leading New Quality Productive Forces" , with in-depth discussions on cutting-edge topics such as 3D vision and precise imaging, AI Foundation Model, Industry-Robot, and the Industrial Metaverse.



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Industry experts like Dong Kai, the Director of the Science and Technology Department of CCID of China's Ministry of Industry and Information Technology, Huang Yao, the CEO of Aqrose Technology, and Sun Fuchun, Professor at Tsinghua University, were specially invited to share the latest advances and trends in industrial vision technology from different perspectives.. Dong Kai analyzed new industrialization promotion strategies from a policy perspective, highlighting the core role of industrial vision technology.

Huang Yao discussed the innovations and challenges of industrial AI in practical applications with the practical experience of enterprises, while Professor Sun Fuchun explored the development trends of 3D robot vision and its potential impact on intelligent manufacturing from an academic perspective.

In a special seminar on the industry application of foundation model and general artificial intelligence, Zhang Peng, CEO of ZHIPU AI, emphasized the importance of large-scale data, high-performance computing, and advanced algorithms in advancing AI. Shen Xiaoyong, CEO of SmartMore Technology, shared practical applications of AI Foundation Model in intelligent

manufacturing, industrial automation, and quality control. He also discussed how AI Foundation Model can help industrial enterprises improve production efficiency, reduce costs and optimize product quality. Zhao Yan, CTO of LUSTER, detailed how industrial vision foundation model can achieve automatic identification, classification and positioning of product defects through deep learning technology, which can accelerate the development of the intelligent inspection industry. At the same time, he also emphasized immense potential of industrial vision foundation model in improving inspection accuracy, reducing inspection cost and improving inspection efficiency. Baidu Cloud, Alibaba Cloud, and Tencent Cloud, the three public cloud leading company that provide extensive technical supports and solutions for industrial machine vision, highlighted the crucial role of public clouds in supporting industrial foundation model, providing robust computing resources, storage capacity, and data processing capabilities. Additionally, public clouds can offer flexible service models and customized solutions to meet the diverse needs of industrial enterprises.

The "3D+Industrial Robot Innovation" session was also exciting, executives and experts from Mech-Mind and KUKA Robotics discussing how AI vision promotes the widespread application of robotics technology in various



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industries. With ongoing technological advancements and the expansion of application fields, AI robots are poised to offer more possibilities for future intelligent manufacturing.

The second day featured three special sub-forums: "Imaging Technology and Solutions" , the "Intel Special Session" and "Vision Systems and Solutions". Xu Chen, Marketing Director of Asia Pacific at Novacam Technologies Inc., took the lead on the stage and made a wonderful sharing on "how 3D metrology systems can revolutionize modern industry" . Companies like Shining 3D Technology and LMI Technologies showcased innovative applications of machine vision and imaging technology in the field of industrial automation. They each introduced how to integrate advanced optical and image processing technologies to achieve high-speed, accurate detection and recognition of target objects. These technologies not only enhance the automation of production lines but also offer new solutions for intelligent manufacturing.

The "Intel Special Session" was undoubtedly one of the highlights of the conference. With the rapid development of innovative technologies, companies across various industries are accelerating their transformation to AI, driven primarily by advancements in semiconductor technology. As a



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leader in this field, Intel is actively promoting the integration and development of AI technology across a range of platforms, from personal computers (PCs) and data centers to edge computing. By providing cutting-edge semiconductor technology, Intel is facilitating intelligent upgrades across industries, thereby advancing the digital transformation of society as a whole.

The unwavering R&D investment and innovative spirit of numerous enterprises have laid a solid foundation for the widespread application of industrial machine vision technology, ushering intelligent manufacturing into a new "visual era." The success of this conference was supported by nearly 90 well-known domestic and foreign brands, including Baumer, Canrill, CHIOPT, Daheng, DO3THINK, Hypersen, Mind Vision, Sincevision , 4D Vision, Elco, COOLENS, I-TEK, Bopixel, Boxing Farview, AZURE, NORCO, Elite, LUSTER, LMI Technologies, Saige, Mega Phase, Visentech, Vensin, and UNI Optics. Their innovative technologies provided new momentum for the machine vision industry and supported the rapid development of China's intelligent manufacturing.

Exhibitor Comments

Zhihong Chen, Business Development Manager (Asia Pacific) and General Manager



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(China), LMI Technologies Inc.

This year marks the 20th anniversary of VisionChina. As a loyal partner, we have witnessed its growth and development along the way. This year's conference was particularly outstanding, with presentations focusing on the forefront of the industry. There was in-depth discussion on the profound impact of foundation models on China's future intelligent manufacturing. The topics are not only insightful but also forward-looking, representing an important direction for the future development of the whole industry. We will support and participate in next year as always.

Suqing Li, General Manager of Beijing Branch, AZURE Photonics Co., Ltd.

We have participated in Beijing Machine Vision Power Intelligent Manufacturing Innovation & Development Conference many times, whether in Beijing, Shanghai, Shenzhen, or even abroad. We can feel that this year's visitor is particularly active and has high expectations for the conference, which fully proves the importance and widespread application prospect of machine vision technology. The conference provides a platform for us to communicate directly with potential customers and professional visitors. By showcasing our products and technologies, we can deeply understand their needs and conduct more targeted research and development. This direct and efficient communication will undoubtedly help us better grasp market dynamics and promote product upgrading. So we believe it is very necessary to



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participate in this conference.

Renju Li, Director of Precision Laboratory, Shining 3D Tech Co., Ltd.

Beijing Machine Vision Power Intelligent Manufacturing Innovation & Development Conference is a major event in the field of vision technology, providing an excellent stage for major enterprises to compete and communicate. As a loyal partner, we are deeply impressed by its unique charm and benefit greatly from each participation. We cherish every in-depth exchange with the industry and enjoy the process of constantly improving ourselves through competition. Given the opportunity, we are eagerly looking forward to continue this wonderful journey with the conference next year.

Visitor Comments

Nanjing Chengong Kaiwu Technology Co., Ltd.

This is my second time to attend Beijing Machine Vision Power Intelligent Manufacturing Innovation & Development Conference. We observed that there was a significant increase in 3D-related cameras and applications this year, and most of the applications performed well, which further validates the booming development of machine vision technology. We hope that next year's Beijing Machine Vision Power Intelligent Manufacturing Innovation & Development Conference will continue to grow in size and attract more industry elites, and we will continue to participate in.



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Origin Dynamics Intelligent Robot Co., Ltd.

Today, I am honored to attend Beijing Machine Vision Power Intelligent Manufacturing Innovation & Development Conference for the second time. The forum is the focus of my attention. And I have gained a lot from the wonderful sharing of each company, which is full and valuable, as well as the in-depth understanding and insights of the industry, which are also very instructive. I am looking forward to the next conference and plan to attend again.

VisionChina at 20 Years: Leading Global Machine Vision Technology and Forging a New Chapter in Innovative Cooperation

Since its establishment in 2004, VisionChina has embarked on a remarkable 20-year journey. Over these two decades, China has seen rapid advancements in machine vision technology, while VisionChina has evolved from a small exhibition into a pivotal platform connecting the Chinese and international machine vision industries, fostering extensive exchanges and cooperation. Through VisionChina's active efforts, collaboration between domestic and international machine vision industries has deepened, jointly advancing global machine vision technology. In this process, China's machine vision industry has consistently grown, showcasing strong



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innovation capabilities and international competitiveness.

Conclusion and Future Outlook

Looking ahead, VisionChina will continue to deepen its internationalization strategy, fostering stronger exchanges and cooperation with global industry colleagues, and further integrating China's machine vision industry into the global industrial chain. We firmly believe that under VisionChina's guidance, China's machine vision industry will assume a more significant role on the international stage, contributing more Chinese expertise and prowess to the advancement of global machine vision technology.

Hereon we extend our heartfelt gratitude to all exhibitors, professional visitors, and staff who participated in this conference! Let's collaborate to shape a brighter future for machine vision and intelligent manufacturing!

For more information, please visit:

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