2024 The 10th Shanghai International Smart Garments Industry Conference

July 5-6
Shanghai China
www.sgexpo.net

SMART CLOTHES

Smart
Clothing,
Better
Life

Conference Overview

Smart clothing is the trend in the textile and clothing industry. Smart clothing refers to clothing that simulates life systems and has both sensing and reaction functions. Smart clothing can not only sense changes in the external environment or internal state but also make real-time responses to these changes through feedback mechanisms. Sensing, feedback, and response are the three major elements of smart clothing. To achieve the above monitoring and feedback, elements such as hardware, sensors, electronic components, software systems, microchips, open networks, application interfaces, smart fabrics, energy systems, and fashionable designs are indispensable. With the development of technology, clothing has broken through the original categories of insulation and beautification and is moving towards functionalization and intelligence. The emergence of smart clothing is a revolutionary change in the history of human clothing. Its emergence has great significance for the development of the textile and clothing industry and will have a profound impact.

The 10th Shanghai International Smart Garments Industry Industry Conference will be held in Shanghai from July 5th to 6th, 2024. The conference will be themed "Intelligent Innovation, Industrial Upgrading", focusing on key common problems in the development of smart clothing and garments, exploring trends in the development of the smart clothing industry and solutions to integration, showcasing the latest achievements, cutting-edge technologies, and new products and building an innovation cooperation platform, international communication platform, and achievement display platform for smart clothing.

Organizational Structure

Organizers:
Shenzhen Smart Clothing and Apparel Industry Development Research Association
Shanghai Pudong Branch of China Council for the Promotion of International Trade
Shenzhen Institute of Metrology and Quality Inspection
National Digital Electronics Products Quality Supervision and Inspection Center
Jiangsu Clothing Brand Collaborative Innovation Center
Key Laboratory of Intelligent Fiber Technology and Products of Textile Industry, China Textile Industry Federation
Shanghai Fortune Exhibition Co., Ltd.
Undertaker:
Shanghai Fortune Exhibition Co., Ltd.

Last Session Review

The 9th Shenzhen International Smart Garments Industry Conference was successfully held at the Crown Holiday Hotel of Shenzhen International Convention and Exhibition Center from March 17th to 18th, 2023. The conference invited more than 200 organizations, including relevant government departments, industry associations, universities, and enterprise leaders, who brought along the most cutting-edge smart clothing and apparel products and solutions. There were more than 20 special sharing sessions at the conference, where the speakers and attendees discussed the development, current status, prospects, and technology collaboration of the smart clothing and apparel industry, with a turnout of over 300 people. The sponsors of this conference included Zhongke Haishi, Kailong Technology, Tengfei Technology, Zhishang Technology, Tingmei Health, Diejiatai, Ading Industry, Nesida, Jingwei Intelligence, Nanoname, Yahou Textile, Dongdingli Smart Information Technology, Jizhan Technology, Henan Smart Wearable Industry Small Town, Taiyisi Soft Electronics and other companies. Well-known companies participating in the conference included Eral, Lining, Bosideng, King Box, ANTA, Qipai, Pure Cotton Age, Jihua Group, etc.

Renowned scientific research institutions have also been enthusiastically participating in the conference as always, including Donghua University, The Hong Kong Polytechnic University's Institute of Textiles and Clothing, National Graphene Application Industry Technology Innovation Strategic Alliance, Shenzhen Institute of Metrology and Quality Inspection, National Key Laboratory of Medicinal Chemical Biology of Nankai University, Beijing Institute of Nano Energy and Systems of Chinese Academy of Sciences, Fudan University's Research Center for Fiber Electronics, Ningbo Institute of Materials Technology and Engineering, CAS, Beijing Institute of Fashion Technology, China textile standard, Guangzhou Inspection and Testing Certification Group etc. more than 50 research institutions participated this event.

Schedule Planning

Time	Schedule
Afternoon of July 4th	Registration
July 5th Conference+ Exhibition	Theme One: Insights on Clothing Brand Transformation, Functionalization, and Intelligentization Theme Two: Exploration and development of new applications of smart clothing
July 6th Conference+ Exhibition+ Demand Matching Meeting	Theme Three: Standardization and cluster development of smart clothing Theme Four: Key technology breakthroughs in the R&D and production of new materials, hardware, and software technologies for smart clothing

Agenda Overview

Theme One: Insights on Clothing Brand Transformation, Functionalization, and Intelligentization
Topic 1: Study on the current status of smart clothing and development trends
Topic 2: Planning and thoughts on the functional and intelligent transformation of clothing enterprises
Topic 3: Case analysis of smart clothing brand application scenarios
Topic 4: How new-generation information technology helps clothing to improve quality, reduce cost, and increase efficiency
Topic 5: AI empowers the development of the intelligent clothing and apparel industry
Topic 6: Brand shaping and marketing strategies of smart clothing in cross-border e-commerce

Theme Two: Exploration and development of new applications of smart clothing
Topic 1: New applications of intelligent fibers and their products in 2024
Topic 2: Research status and development trend of intelligent health monitoring clothing
Topic 3: The R&D and application of intelligent heating technology in clothing
Topic 4: Development and application of intelligent medical protective clothing
Topic 5: Innovative research and development of intelligent constant temperature clothing
Topic 6: New products and applications of intelligent power-generating clothing
Topic 7: Trends in the application of smart textiles in the military and aerospace industries
Topic 8: The impact of smart clothing on the sports and fitness industry

Theme Three: Standardization and cluster development of smart clothing
Topic 1: Analysis of key points in the standardization of segmented products in the intelligent clothing and apparel industry
Topic 2: Industrial internet platforms assist in the collaborative management of clothing suppliers
Topic 3: The latest standards for smart clothing exports to the European Union
Topic 4: Current status and thoughts on the development of the clothing and apparel industry cluster
Topic 5: Issues related to data privacy and security in smart clothing

Theme Four: Key technology breakthroughs in the R&D and production of new materials, hardware, and software technologies for smart clothing
Topic 1: The integration technology of big data, cloud computing, electronic devices, power devices, and wires in intelligent clothing and apparel
Topic 2: The application of AI in the production of smart clothing and how to enhance the functionality of smart clothing
Topic 3: The application of carbon materials (graphite, carbon fiber, carbon nanotubes)
Topic 4: The latest trends and developments of flexible 3D printing technology in clothing design
Topic 5: The application of high-tech materials such as phase change energy storage materials and radiation cooling materials in clothing
Topic 6: The latest breakthroughs in fiber lithium-ion batteries
Topic 7: The latest technical applications of composite materials in cold environment work clothes
Topic 8: Sensor technology in medical applications of smart clothing
Topic 9: Intelligent fiber is making wearable electronic devices a reality
Topic 10: The application of semiconductor refrigeration in smart clothing
Topic 11: Research and application of liquid metal-based conductive fiber composite fabric
Topic 12: Research progress in fiber-based intelligent wearable microelectronic systems

Proposed Invited Guests

From Research Institutions and Universities (in no particular order):
Zhang Haixuan, Shenzhen Metrology Quality Inspection Research Institute, Department of Textile Clothing Apparel and Home Products Testing, Head of Department
Zhang Yuanting, Hong Kong City University, Chair Professor of Biomedical Engineering, Fellow of the International Academy of Medical and Biological Engineering
Peng Huisheng, Academician of the Chinese Academy of Sciences, Head of Polymer Science Department, Fudan University, Professor
Huang Wei, Academician of the Chinese Academy of Sciences, Northwestern Polytechnical University, Professor
Zhu Meifang, Academician of the Chinese Academy of Sciences, Dean of the School of Materials, Donghua University
Li Changming, Academician of the Chinese Academy of Sciences, Professor of Suzhou University of Science and Technology
Liu Zhongfan, Academician of the Chinese Academy of Sciences, Professor of Peking University, Dean of Beijing Graphene Institute
Tao Xiaoming, Professor of Polytechnic University of Hong Kong, Department of Textiles and Clothing
Bao Zhenan, Fellow of the National Academy of Engineering, USA, Professor of Chemical Engineering, Stanford University
Wang Hongzhi, Professor of Donghua University, Deputy Director of the Research Institute, Director of Key Laboratory for Intelligent Fiber Technology and Products in the Textile Industry
Liu Li, Director of National Winter Sportswear Equipment R&D Center, Dean of Institute of Clothing Technology, Beijing Institute of Clothing Technology, Professor
Feng Xue, Director of the Flexible Electronics Research Center, Tsinghua University
Zhang Ji, Researcher and Doctoral Supervisor at the Suzhou Institute for Nanotech and Nanobionics, Chinese Academy of Sciences
Fan Xing, Professor at the School of Chemistry and Chemical Engineering, Chongqing University
Zhao Meng, Chairman of the National Graphene Application Industry Technology Innovation Strategic Alliance
Zang Yingchun, Executive Dean, Tsinghua University Milan School of Art and Design, Head of Textile and Apparel Design, Professor
Liu Nan, Professor in the Wearable Materials Laboratory, Chemical School, Beijing Normal University
Wang Chaoxia, Professor at the School of Textile and Clothing, Jiangnan University
Wang Zheng, Professor and Doctoral Supervisor of School of Computer Science, Wuhan University
Wei Di, Institute of Nano-energy and Systems, Chinese Academy of Sciences
Gao Chao, Professor at the Department of Polymer Science and Engineering, Zhejiang University
Qu Lijun, Professor at the School of Textiles and Garments, Qingdao University, Executive Director of the Research Center for Intelligent Wearable Technologies
Liu Jing, Professor at the Department of Biomedical Engineering, Tsinghua University
Liu Zunfeng, Professor at National Key Laboratory of Medicinal Chemical Biology, Nankai University
Wei Lei, Professor at Nanyang Technological University, Singapore
Shen Lei, Professor at the School of Textiles and Garments, Jiangnan University, Director of China Clothing Intelligent Wearable R&D Center
Chen Ming, Associate researcher at Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences
Deng Zhongmin, Professor at the School of Textiles, Wuhan Textile University
Zhang Xueji, Vice President of Shenzhen University, Professor at School of Biomedical Engineering, Medical Department

Proposed Invited Guests

From Enterprises (in no particular order):
Huang Weicong, Founder of Guangdong Tianwu New Material Technology Co., Ltd. Flexwarm
Feng Xinyue, General Manager of Xinwang New Materials Technology Co., Ltd.
Li Chenhong, Assistant to the CEO and Deputy Director of Strategic Operations, Bosideng Holdings
Lin Qian, Brand Director, Fujian Qipai Group Co., Ltd.
Zhang Shihua, Founder, Longyan Kailong Technology Co., Ltd.
Hong Zhongxin, President, King Box Men's Wear (Shanghai) Co., Ltd.
Qiu Guanghe, President, Zhejiang Semir Garment Co., Ltd.
Xu Guifa, Director, Guirenniao Co., Ltd.
Lu Zhihua, Senior Manager of Professional Equipment Special Group, Anta (China) Co., Ltd.
Zhang Yiying, Deputy General Manager, Yaloo Group Co., Ltd.
Luo Zhenxin, Deputy General Manager, Hengyuanxiang Apparel Industrial Group
Geng Dianyun, Deputy Director of the Technical Center, Jingwei Textile Machinery Co., Ltd.
Zhou Haijiang, President, Hongdou Group
Gilbert Lam, Chief Scientist, Li Ning Sports Science Laboratory
Chen Lu, Founder, Shenzhen Smart Clothing Technology Co., Ltd.
Mei Xianming, Chairman, Tengfei Technology Co., Ltd.
Liu Fusheng, Chairman, Zhejiang Zouyun Fitness Co., Ltd.
Lv Wei, General Manager, Suzhou Jedi Nano Technology Co., Ltd.
Kan Xiaomin, Chairman, Shenzhen Tingmei Health Technology Co., Ltd.
Duan Yujing, Chairman, Beijing Zhongke Haishi Technology Co., Ltd.
Chai Jing, Vice President of Brand Marketing Center, The Toread Company
Huang Qi, Ambassador and General Manager,HLA Group
Zhong Feipeng, Chairman, Beijing Diejiatai Technology Co., Ltd.
Liu Yiwei, Chairman of Ningbo Renhe Technology Co., Ltd.,
He Lei, Executive Chairman, Shenzhen Jizhan Technology Co., Ltd.
Li Yingdong, General Manager, Yantai Taihe New Materials Co., Ltd.
Yan Chengzhi, General Manager and Director of R&D, Yuran (Suzhou) New Energy Technology Co., Ltd.
Lin Baoying, Director of Clothing Development Center, 361 Degrees (China) Co., Ltd.
Chen Linrui, General Manager, Sichuan Dongdingli Information Technology Co., Ltd.
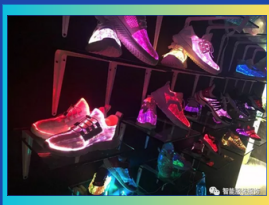......

Exhibition Scope

Smart Clothing and Apparel: Sportswear, heart rate clothing, ECG clothing, temperature control clothing, therapeutic clothing, protective clothing, color-changing clothing, positioning & anti-lost clothing, quantum clothing, graphene clothing, firefighting clothing, antibacterial clothing, smart pillows, smart comforters, smart shoes, smart caps, smart socks, smart ties, masks, smart backpacks, all smart wearable products.

Smart Clothing Technology and Hardware: Electronic information technology, sensor technology, touch technology, biometric technology, RFID technology, 3D printing technology, information management system, intelligent hardware, electronic components, IC chips, CUSTOM systems, CAM/CAD system/hanging system, intelligent fitting mirror, and other related technologies and hardware, etc.

Smart Clothing Production Equipment: Intelligent automated clothing production lines, robots, cutting, trimming, and professional smart automation equipment, intelligent printing equipment, intelligent textile equipment, intelligent garment-making equipment, laser equipment, ultrasonics, equipment specialized for intelligent clothing, and other related 4.0 technologies and devices, etc.

High-Tech Materials for Smart Clothing: Smart textiles, fabrics, fibers, yarns, phase-change fibers, memory fibers, intelligent hydrogel fibers, light guiding fibers, temperature-adjusting fibers, graphene, quantum technology, nanomaterials, photochromic materials, and other related high-tech clothing materials;

Other related supporting products and technology: Textile chemicals, inks, etc.

Sponsor & Ticket

Ticket	Package One: RMB 2000 per person (includes conference participation, catalog, two days lunch and dinner on July 5th)
	Package Two: RMB 1500 per person (includes conference participation, catalog, two days lunch)
Booth Fee	Standard booth (6m²) 12800 RMB (includes two persons' tickets, exhibition area, 2.5m high partition board, one header board production, 6 square meters of carpet, one consultation table, two chairs, one 10A/220V single-phase socket, two spotlights, cleaning and security services)
Speech Sponsor	Please contact us

Contact

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