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Highlights of Big Data Expo 2021



Big Data Expo is the world's first big data-themed exposition, serving as a platform for big data professionals, organizations and entrepreneurs around the world to discuss the industry trends and share the latest of their achievements. What are the highlights of the 2021 Big Data Expo? What wonderful experience will it bring? Let's take a quick sneak peek.

Innovations and Highlights

First, the Expo will present new platforms to enable people to enjoy the event both online and offline. Building on the successful experience of the Big Data Expo 2020, which was held online due to the impact of the COVID-19 pandemic, Big Data Expo 2021 will feature a cloud platform with a full range of functions for online communication, online exhibition, business negotiations, online forums, and guest exhibitions. This new "offline + online" exhibition model will offer unlimited possibilities.

Second, the Expo will encourage the political, academic, and business circles to join hands to seek development opportunities. Well-known domestic and foreign experts, scholars, entrepreneurs, leaders of research institutes, and foreign embassies and consulates in China will participate in online and offline discussions about the latest theoretical achievements, cutting-edge technologies and development trends in the big data industry, providing more Chinese wisdom and Chinese solutions to global big data development.

Third, the Expo will strive to empower the economy by pooling resources for win-win results. There will be various activities to promote digital investment, digital marketing, and digital trading in a creative way, and build a platform for investors and financing companies. It will strive to promote more in-depth integration of big data with the real economy, and help participating companies grab opportunities, deepen cooperation for shared benefits, and achieve win-win results and common development.

Content

First, the opening ceremony will gather many big names in the industry. John L. Hennessy, a Turing Award Winner in 2017 and "Godfather of Silicon Valley" will deliver an online speech. Members of the Chinese Academy of Sciences and Chinese Academy of Engineering, and famous entrepreneurs will deliver keynote speeches.

Second, there will be wonderful high-level dialogues and professional forums. Seven high-level dialogues will center respectively on IIoT-driven industrial digital transformation, scenario big data, 5G-enabled intelligent digital transformation, global trade services, data security, big data for rural revitalization, and artificial intelligence. Professional forums centering on cutting-edge topics in the big data industry will bring forward-looking insights, important information and industrial solutions to participants, and provide an open platform for communication among all parties.

Third, interesting exhibitions will showcase the achievements in the frontier of big data development at home and abroad through a combination of online and offline means, allowing hundreds of high-quality exhibitors from around the world to display their brands and flagship products.

Fourth, achievements release activities at the Big Data Expo will be more authoritative. On April 25, the final review meeting for the leading scientific and technological achievements to be announced at the Big Data Expo 2021 was held in Beijing. A total of 101 projects in the five categories of black technology, new technology, new products, business models, and pandemic control technologies, were carefully reviewed by the expert panel. Huawei, Tencent, China Telecom, Inspur and many other well-known companies submitted their projects. Selected items will be released during the Big Data Expo 2021.

Fifth, there will be a wide variety of exciting competitions and special activities. To stage authoritative and classic competitions for the big data industry, the Big Data Expo 2021 will witness events such as the Industrial APP Fusion & Competition and the Guiyang Big Data and Network Security Elite Confrontation Drill. There will also be other interesting activities waiting for you to explore, such as Big Data Expo Investment Conference, business matchmaking events, talent introduction events and observation tours.



▲ Guiyang Fangzhou Technologies will Exhibit its RPA Software Robot

Join us for a wonderful experience

Exhibition

As an important part of the Big Data Expo, the exhibition has become a major platform to showcase new achievements of the global big data industry. What are the highlights of this year's exhibition? Let's take a sneak peek.

First, many brands and companies will be present. The offline exhibition hall covers an area of 40,000 square meters with four themed pavilions: the International Pavilion, the Cutting-Edge Technology Pavilion, the Digital Application Pavilion, and the Smart Industry Pavilion. The four pavilions will showcase new technologies, new products, new solutions, and new applications in the big data industry. Nearly 200 exhibitors, including Huawei, Baidu, Tencent, JD.com, China Mobile, China Telecom, China Unicom, 360, Inspur, Lenovo, Qi An Xin, Toshiba, Quantum, Panasonic, will participate in the exhibition. A special exhibition area will be set up for the National Big Data (Guizhou) Comprehensive Pilot Zone to showcase the latest achievements of Guizhou-based big data companies such as Esgyn and Xianglian.

Second, there will be innovations for the online exhibition. Different from traditional 3D online exhibitions, this year's online exhibition will adopt a new waterfall flow layout which better fits Internet users' viewing habits, and push exhibitor or exhibit information according to the viewer's preferences, so that viewers can gain access to information more easily, conveniently, accurately, and effectively. It will provide rich online display forms such as graphics, videos, recordings, demos, and documents to meet exhibitors' needs as much as possible.

Third, the exhibition will feature wider promotion channels. Interactive scenarios and applications such as electronic business card exchange, negotiation appointment, and schedule management will be provided to build a user-friendly platform for online interactions between exhibitors and visitors. At the same time, nearly 100 official media partners will conduct online interviews and publish reports to meet the marketing needs of companies and guests participating in the online exhibition and facilitate negotiations for cooperation.



▲ Gui'an Digital Economy Industrial Park



▲ Guizhou Big Data Exhibition Center

Observation tours to learn about fruits of Guizhou's big data development

There will be three routes covering 11 big data industrial sites from May 26 to 28.

Route 1: Big data improves people's life

Big Data Security Industry Exhibition Center: On display are Guizhou's achievements in the field of big data security and Guiyang's top-level design, pioneering creations, technological innovations and a number of related cutting-edge systems in use in China, all in the field of big data security.

National Digital Audiovisual Communication Platform for Chinese Cultural (Publishing, Radio and Television) and Big Data Projects: Zhongyun Culture and Big Data Technology Co., Ltd. is affiliated to Guizhou Radio and Television Media Group, and its CCDI Copyright Cloud Project is one of China's major "Internet Plus Culture" projects.

UBTech AI Industrial Park: UBTech began to invest in the R&D of humanoid robots in 2008. Since 2016, the company's products have appeared on CCTV's Spring Festival Gala for four times.

Route 2: Big data for livelihood services + innovation-driven big data development

Guiyang Urban and Rural Planning Exhibition Hall: Covering an area of 22,300 square meters, with a total floor space of nearly 20,000 square meters, it is a place to learn about the historical changes, development, plans and blueprints of Guizhou Province and Guiyang City.

Guizhou Big Data Exhibition Center: On show are the big data development goals, measures and results of Guizhou Province and Guiyang City. There are many themes, including Development of the Big Data Industry in Guizhou and Case Studies: Big Data Applications in Guizhou.

Guizhou Jingshi Chengtong Smart Education Industry Co., Ltd: Working with world top educational institutions, it specializes in disciplines such as cognitive science, big data and AI, and is committed to developing and promoting the "big data & AI-powered future school" series.

Jiaying New Energy Industrial Park: The park produces new energy storage batteries and high-rate batteries mainly for new energy vehicles, drones, household energy storage.

Route 3: Integration between big data and the real economy

Foxconn Industrial Park: As the first and only fourth-generation green industrial park, the Park built by Foxconn Technology Group in the Chinese mainland presents cutting-edge and high-end technologies, products and processes. It aims to become a model industrial park in Guizhou Province for eco-friendliness.

Huawei Data Center: Covering a total area of 1.014 million square meters, the project has a floor space of 480,000 square meters for its first phase. It consists of computer rooms and supporting facilities, as well as training and services facilities.



▲ Huawei Data Center

China Mobile Gui'an Big Data Experience Center: As one of the three inter-provincial data centers in China Mobile's "3+3+x" strategic plan, the center will host a mobile cloud serving the whole country. Up to 30 government institutions, enterprises and public institutions, including Huawei, Alibaba, Baidu, Tencent and Guizhou-Cloud Big Data, have set up operations here and launched cooperation projects.

Guizhou BaishanCloud Technology Co., Ltd: BaishanCloud is a world leading edge cloud platform. Based on the cloud demand of corporate digital transformation, as well as 5G and IoT application scenarios, it creates cross-industry application scenarios for global business customers. It currently serves 85 percent of Chinese Internet users and over 200 million overseas users.

Digital economy strengthens Guiyang's primacy as the provincial capital



▲ Apple iCloud Data Center in Gui'an New Area



▲ Geely Welding workshop in Guiyang

Guiyang will continue to strengthen and upgrade its digital economy

It will accelerate the construction of new infrastructure for 5G mobile communication, industrial Internet, and ultra-large-scale data centers, build regional computing hubs and national data storage and disaster recovery bases, and enhance the capacity of dedicated Internet data channels; promote the pooling of public data resources in Guiyang and Gui'an and build a national public data base; launch industrial parks for the electronics manufacturing industry in Gui'an New Area, Guiyang National High-tech Industrial Development Zone, and Guiyang Economic and Technological Development Zone; and form demonstration industrial clusters for big data, software and IT service industries. By 2025, the added value of the digital economy is expected to account for 45% of the city's GDP.

Guiyang will strive to form three industrial clusters, each worth more than 100 billion yuan

It will focus on the construction of a big data industrial cluster, an electronics manufacturing cluster, and a software and IT services cluster. The big data cluster is positioned to be a national hub for integrated big data systems. It will strive to attract investment for seven projects under construction, advancing seven new projects, and raising 2.7 billion yuan to finance the projects. The electronics manufacturing cluster will focus on the development of the manufacturing of smart terminals and new electronic components, advance the industrial park quality improvement project, and strive to put key projects such as Huawei's Kunpeng Computing Industry Ecosystem into operation as soon as possible. The software and IT services cluster will promote the development of cloud services, accelerate progress of projects such as Huawei's cloud computing base, build Internet-based logistics and smart health ecosystems, and drive the growth of platform-based economy and data flow economy. It will strive to become a famous provincial software park, promote software service outsourcing and upgrading, facilitate the advancement of major projects, and introduce and cultivate a group of related enterprises.

Guiyang will integrate digital economy with the real economy

It will continue to advance the "10,000 Enterprise Integration" action plan, accelerate the construction of an industrial Internet system, and promote smart manufacturing from design to production, management, and aftersales services. It will promote the application of robots, launch smart factory pilot projects in support of the digitalization of factories, and develop application scenarios where big data is integrated with finance, logistics, tourism, commerce, education, healthcare and other service industries. It will actively participate in the formulation of international regulations and standards for data security, digital currency and other digital technologies, improve interconnectivity between networks of leading enterprises and small and medium-sized enterprises. According to the plan, by 2025, the integration index of the digital economy and the real economy will reach 60, and the integration index of industrialization and digitalization will rise to above 65. Accumulatively, more than 100 provincial-level benchmark integration projects and 300 intelligent transformation projects will be completed.



▲ Gui'an Electronic Information(Big Data) Incubation Park

According to the white paper *Digital Economy Development in China (2021)* issued by the China Academy of Information and Communications Technology (CAICT) in April, the growth rate of Guizhou's digital economy exceeded 15% in 2020, ranking first in the country for the sixth consecutive year. In 2020, the revenue of the province's software industry increased by 26.3%; the structural adjustment of the electronics manufacturing industry accelerated, and the output of smart TVs, electronic components and related products grew rapidly; and the total output and revenue of the telecommunications industry increased by 31% and 5.6% year-on-year respectively.

As the capital of Guizhou Province and the core of China Big Data Comprehensive Pilot Zone, Guiyang has always regarded big data as a major engine for high-quality development. The digital economy has become an important driving force for high-quality economic and social development. A group of leading international big data companies such as Huawei, Tencent, Intel, Dell, and SAP have all set up operations in Guiyang. The added value of the digital economy in 2020 reached 164.9 billion yuan, a year-on-year increase of 10.8%, accounting for 38.2% of the city's GDP.

2021 is the first year of the 14th Five-Year Plan period and a key year for the high-quality integrated development of Guiyang and Gui'an. Guiyang and Gui'an will seize opportunities to accelerate the development of the digital economy, actively promote deeper integration of big data and other industries, transform data advantages into development advantages and economic advantages, and strengthen Guiyang's primacy as the provincial capital.

Guiyang, a splendid city

Guiyang is one of the world's best places for a summer retreat. It is China's first national forest city and also the core area of China's first national big data comprehensive pilot zone. It is an important city and a transportation hub in the new land-sea corridor in western China in the framework of the Belt and Road Initiative. In the past year, Guiyang has sped up its progress toward a famous cultural and tourist city featuring great eco-friendliness. Let's take a look at what the city has to offer.



▲ A Bird's-Eye View of Guiyang

One of China's top 10 most beautiful cities and top 10 most livable cities



▲ Jiaxiu Pavilion

In April, a ceremony was held in Chengdu to announce 2020–2021 most livable cities in China. Guiyang was on the lists of “Top 10 Most Beautiful Chinese Cities” and “Top 10 Most Livable Cities”.

As a project that has been conducted annually for 15 years, this survey was launched by the Financial Program Center of China Media Group in collaboration with the National Bureau of Statistics, China Post Group Co., Ltd., and the National Development Research Institute of Peking University. Questionnaires were distributed door to door and on airplanes via airlines. Respondents were asked to rate their satisfaction with their lives in the city where they live according to their sense of gain, happiness, and security, with a total of 21 indicators. Guiyang residents gave the highest ratings for “parks and green spaces” in the city, and the city also ranked high among the 36 cities covered by the survey for “government efficiency” and “inclusiveness”. Local residents were also highly satisfied with Guiyang's “city image”, “water and air quality”, “convenience of life”, and “public cultural services”.

One of China's top 10 most attractive cities to investors in 2020

In 2020, despite the challenges brought by the COVID-19 pandemic and the consequent economic downturn, Guiyang and Gui'an grabbed opportunities brought by the new round of western China development campaign and the reshaping of domestic and international supply chains. By focusing on advanced manufacturing and mid- and high-end consumption, the city has launched and advanced a group of high-quality projects. It ranked first in Guizhou by investment inflow.

In 2020, 850 new industrial projects were launched and the total paid-in capital for new industrial projects reached 143.2 billion yuan, a year-on-year increase of 12.75%. Projects in the manufacturing sector accounted for 36.5% of these. Guiyang welcomed 407 new companies, including three Fortune Global 500 companies, five of China's top 500 companies, and 86 high-tech companies. Up to 99.54% of the new projects had commenced and 75.31% have been put into operation. Among the 38 new companies up to the designated size established in 2020, 22 were set up with investment from the outside, accounting for 58% of the total.

In January 2021, *Global Times* launched a survey on investment appeal of China's cities. Experts, scholars, and third-party evaluation agencies were invited from home and abroad to measure the attractiveness of Chinese cities to investors based on indicators regarding industrial clustering, new infrastructure, and economic growth. In April, at the 2021 Global City Investment Promotion Conference held in Beijing, *Chinese City Investment Attractiveness Index Report* was released, and Guiyang found itself among China's top 10 most attractive cities to investors.

One of 2020 Best Tourist Cities in China according to China Travel

In April, the Technology and Cultural Tourism Integration Forum and the Fifth China Travel's Annual List Release Ceremony sponsored by China Travel magazine was held in Beijing. Guiyang was on the 2020 list of China's Best Tourist Cities.

The annual lists released by China Travel were most professional and authoritative in the industry. These annual lists have been released for five consecutive years since 2016. Guiyang was on the Best Eco-Tourism Destinations list in 2017 and the Best Quality Tourism Cities list in 2018.



Qingyan Ancient Town