

# Big data expo puts Guizhou under world spotlight

Province to develop innovative, digital economy and become a role model for future industry

By HAN LU  
hanlu@chinadaily.com.cn

The latest 5G technology and the Five-hundred-meter Aperture Spherical Telescope (FAST), the world's largest radio telescope, were two of the highlights of the 2018 China International Big Data Expo held in Guiyang, capital of Guizhou province from Saturday to Tuesday.

The global event exhibited 51 cutting-edge scientific and technological achievements and more than 1,000 cutting-edge products and technologies.

Held for the fourth time since 2015, the expo attracted a record 47,000 representatives, including 536 overseas attendees from 28 countries and 388 big data companies to exhibit, according to Sun Zhigang, secretary of CPC Guizhou Provincial Committee and chairman of the Standing Committee of Guizhou Provincial People's Congress.

President Xi Jinping on Saturday sent a congratulatory letter to the China International Big Data Industry Expo 2018.

China attaches great importance to the development of big data, Xi said.

The Chinese president said he expects expo attendees to exchange views and pool wisdom in order to promote the big data sector's innovative development to benefit all people and facilitate the building of a community with a shared future for humanity, according to a report from Xinhua.

Sun said that Guizhou has been focusing on the development of big data and attracting a large number of big data enterprises, high-tech enterprises and various kinds of talents from home and abroad, making great achievements on the integration of big data and real economy.

Guizhou Huaxintong Semiconductor Technology Co, a joint venture between the United States chip major Qualcomm and the Guizhou provincial government, exhibited the application of the first-generation server chip to the public at the expo, according to Cristiano R. Amon, president of the Qualcomm.

He said that the first-generation server chip has been built using the advanced chip manufacturing process with an accuracy of 10 nanometers and can be applied to high-performance computers to handle large amounts of data.

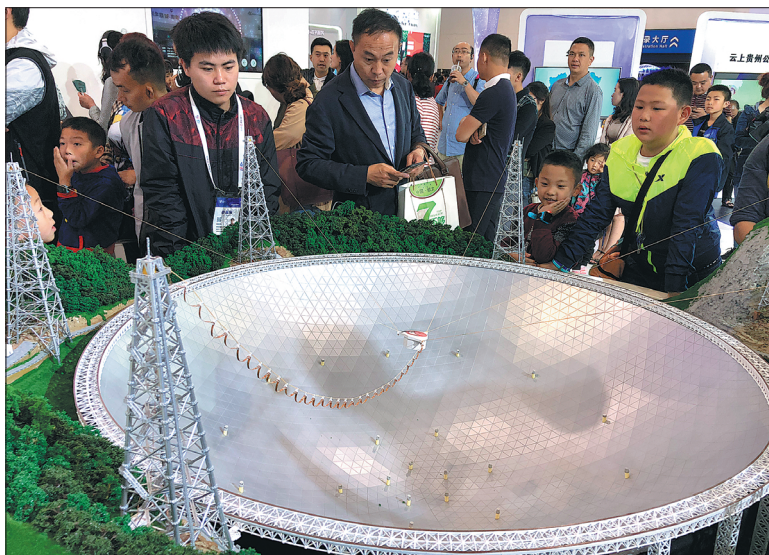
In addition, the joint venture has begun the development on a second-generation server chip.

"We aim to improve the competitiveness of the big data industry in Guizhou and



Visitors experience virtual reality technologies at the 2018 China International Big Data Expo held in Guiyang, capital of Guizhou province.

PHOTOS BY YANG JUN / CHINA DAILY



How the Five-hundred-meter Aperture Spherical Telescope works is demonstrated at the expo.

promote the development of the integrated circuit industry in China, and Qualcomm will continue to provide technology and funds for the big data industry development in Guizhou province," Amon said.

Chen Zhaoxiang, vice minister of Ministry of Industry and Information Technology of China, said that Guizhou province has been firmly developing its big data industry and has taken a leading position in promoting the construction of the national big data demonstration center in Guiyang in recent years.

Guizhou has established an innovative way to develop digital economy and made the data expo a role model for the big data industry, he added.

The inauguration ceremony of the Apple iCloud China (Gui'an) Data Center Project was held in Guian New Area on Friday.

This is the first data center for Apple Inc in China, as the United States tech giant steps up efforts to meet local consumers' growing demand for iCloud services.

Apple will invest a total of \$1 billion in the project and the data center will be operated by Guizhou-Cloud Big Data

Industry Co Ltd, an enterprise owned by the Guizhou provincial government. Guizhou-Cloud Big Data Industry will also become the sole operating partner of Apple's iCloud service on the Chinese mainland.

Ge Yue, vice president of Apple and managing director of Apple China, said that it was an important decision to develop big data in Guizhou and as the first data center for Apple to set up in China, it proves the important partnership between the company and Guizhou province.

She added that Guizhou province has helped a lot in

**1,000+**  
cutting-edge technologies and products are exhibited at the expo

**8,900**  
big data firms are based in Guizhou province

the data center's establishment, and Apple will promote greater cooperation with the Guizhou-Cloud Big Data Industry to make contributions to big data development in Guizhou province.

Li Zaiyong, a member of the standing committee of the CPC Guizhou provincial committee and Guizhou's executive deputy governor, said that Guizhou has more than 8,900 big data enterprises with a total output value exceeding 110 billion yuan (\$17.22 billion).

Guizhou province announced 100 key investment projects at the third round of the big data with real economy business-to-business match meeting on Saturday, with a total investment of 168.86 billion yuan.

The projects involve various sectors of the real economy.



People try out public security facilities developed by Sensingtech, which offer real-time personnel track analysis and prediction based on deep learning and artificial intelligence. PROVIDED TO CHINA DAILY

## Facial recognition project takes top spot in contest

By HAN LU

Sensingtech Corporation won first prize in the final round of the 2018 China International Big Data Fusion Innovation and Artificial Intelligence Global Competition on Friday, an important event of the 2018 China International Big Data Expo.

Held in Guiyang, capital of the Guizhou province, the Chinese high-tech company beat out 10 excellent teams from around the globe to claim the top prize.

Lu Zhen, president of Sensingtech, said the company is dedicated to developing facial recognition and big data technologies for public security applications, serving a safe environment in Guiyang.

Based on deep learning and artificial intelligence, Sensingtech offers real-time personnel track analysis and prediction for public security, and there are 17 provincial and municipal level public security organizations in China using their products.

Using Sensingtech's technology recently, a fugitive was caught at a concert of Jacky Cheung, a well-known Hong Kong singer. The technology was used to scan the audience, identifying people rapidly and connecting with a police database.

"The policy support from the government and the understanding of big data improve efficiency, and help to promote our AI products in Guiyang, which attracted us to move our company here," Lu said.

The projects in the final competition represent the highest quality in the fields of AI, cloud computing, intelligent manufacturing, medical, education and agriculture, said Deng Zhidong, professor of Tsinghua University.



**The policy support from the government and the understanding of big data improve efficiency, and help to promote our AI products in Guiyang."**

Lu Zhen, president of the Sensingtech

The Cocoon Cam from the United States, one of the top 10 competition teams, is a project that focuses on real-time monitoring of a baby's breathing, with users being able to use their mobile phone to view the data anywhere and anytime.

According to the organizing committee of the AI global competition, a total of 62 teams have applied to join its open AI innovation platform.

Jointly built by Intel Corporation, Guiyang and the China AI industry innovation alliance, the open AI innovation platform will provide a safe and reliable research and development platform for all kinds of AI innovation and entrepreneurship teams, enterprises and social organizations all over the world.

In addition, the platform has the technology support from Intel Corporation and 10 fields of data resources in Guiyang, said Song Jiqiang, head of the Intel China Research Center.

# Guiyang deepens international cooperation for education, high-tech

By LI YOU  
liyoyou@chinadaily.com.cn

Guiyang city government signed a framework agreement with United States-based University of California, Berkeley for cooperation in education.

The agreement was signed on Friday, during the China International Big Data Industry Expo 2018 in the Guizhou province capital.

The high-quality resources of UCB constitute what is needed to build up China's "digital valley" in Guiyang, Chen Yan, mayor of Guiyang said at the signing ceremony.

UCB is an excellent university with a good reputation for research and innovation in big data, with many teachers and professors as well as fruitful academic achievements, Chen said.

ties along with the Ministry of Industry and Information Technology established the Guizhou Berkeley Big Data Innovation Research Center in Guiyang High-tech Industrial Development Zone.

Since the center has been in operation, it has developed big data curriculums, personnel training, scientific research and the commercialization of research outcomes.

In the past two years, Guiyang and UCB have worked out a mature cooperation model and performed efficient communication, and the cooperation is in line with the global trend, said Xu Hao, executive vice-mayor of Guiyang.

"Higher education plays a key role in scientific innovation," said Tsu-Jae King Liu, vice-president of UCB, adding that education cooperation on a global stage is very helpful for students to improve their intercultural communication



Guizhou aims to attract more investments from companies in the fields of electronic engineering and information technology, biology and new medicine.

and their standard of innovation and research.

Guizhou Berkeley Big Data Innovation Research Center is a successful example to showcase the global cooperation in scientific research made

in UCB and the center looks forward to seeing that such a project can bolster the big data industry in Guiyang and Guizhou, the vice-president said.

At the signing ceremony

between Guiyang and UCB, Guiyang also announced that it will join hands with the city of Berkeley, in a bid to foster more cooperation in the booming big data industry at the city level.

On the same day, an agreement to establish a collaborative lab by Guiyang High-tech Industrial Development Zone and Imperial College London was also signed, with a string of promotion activities provided for companies from the United Kingdom at the scene.

Meng Qiliang, deputy secretary of the Party committee of Guizhou province, said that big data is a free resource in industrial society. The one who can master the data, either he or she, can take the initiative.

The UK government takes a leading position in the openness of data and it enjoys a strong support from the country's professionals.

The signing ceremony is an opportunity to strengthen cooperation between the two sides and provide an impetus for mutual development, Meng said.

Since the 19th National

Congress of the Communist Party of China in October, Guizhou has been promoting the development of its big data industry. The local government has been introducing well-known big data enterprises from home and abroad.

At present, seven of the world's top 10 internet companies have visited Guizhou and 25 Fortune 500 companies have launched their business in the city.

The province will continue to cooperate with big data research institutes all over the world and introduce worldwide talent by establishing more R&D centers. Guizhou has also set the goal to attract more investment from companies engaged in the major fields of electronic engineering and information technology, biology and new medicine, new materials, high-end equipment manufacturing, new energy, resources and environment as well as high-end services.