

Chongqing Institutes for Green and Intelligent Technology Established

According to a cooperation agreement jointly signed by CAS, the Executive Office of the State Council Three Gorges Project Construction Committee and the Chongqing municipal government, a new CAS institution, the CAS Chongqing Institutes of Green and Intelligent Technology (CIGIT) will be established in southwest China's Chongqing Municipality to promote progress and innovation in areas of electronic information, advanced manufacturing and environmental engineering. According to the blueprint, its phase-I construction started in mid 2011 and will finish at the end of 2012, by when three institutes under the CIGIT will be set up.

The Institute of Electronic Information will be aimed to crack down key technologies in intellisense, intelligent control and massive information processing, and in the meanwhile, try best to make electronic information products energy-saving and environmental friendly. Its research directions include green information system, services for cultural and creative industry, cloud

computing and automotive electronics. The Institute of Intelligent Manufacturing will be engaged in such areas like intelligent industrial design, green manufacturing technology, agile manufacturing technology and intellectual instruments and smart sensors. As for the Institute of Environmental Engineering, its focus will be set on the large-scale reservoirs located in areas with a complex man-land relation and environmental construction and protection of Three Gorges reservoir area. A system of prevention technology, equipment and management of environmental protection will be developed to help solve the problems popping up in the increasingly speeding-up industrialization and urbanization in Chongqing.

With its infrastructures to be put into use in 2013, about one thousand of faculty will move in. Until 2015 when the phase II construction is closed, the new institution will host three to five key labs, five to ten graduate, doctoral and post-doctoral programs, and 15 to 20 centers specialized in engineering R&D, pilot test and industrialization.

