

## China, France and the Netherlands to Deepen Cooperation on Information Technology and Artificial Intelligence

**O**n July 11, 2017, an agreement was signed in Beijing to renew and strengthen the collaboration between the CAS Institute of Automation (CASIA, China), Institut National de Recherche en Informatique et en Automatique (Inria, France), and Centrum Wiskunde & Informatica (CWI, the Netherlands), which are the founding members of the Sino-European Laboratory in Computer Science, Automation and Applied Mathematics (LIAMA Consortium) based at CASIA.

According to the new agreement, the LIAMA Consortium will seek more cooperation opportunities to complement each other's strengths in major research fields such as information technology and artificial intelligence, and strive to become a stable platform for the science and technology exchange and communication between China and Europe.

Present at the signing ceremony, which also marked the 20<sup>th</sup> anniversary of LIAMA, were CAS Vice President ZHANG Jie, Ambassador of France to China H. Exc. Mr. Jean-Maurice Ripert, and Ambassador of Kingdom of the Netherlands to China H. Exc. Mr. Paul Menkveld.

"LIAMA has brought together scientists from China and Europe to explore the truth and share scientific achievements," ZHANG Jie said.

Looking back, LIAMA has achieved a lot during its 20 years of development. Its Brainetome Project



has led to the completion of the whole brain fine zoning map and the whole brain connectivity map. Its research on human-machine interaction has been selected as a priority in China's National Key Research and Development Plan. In addition, the collaborative work on neural computing chips has promoted the overall research level on brain-like chips in the country.

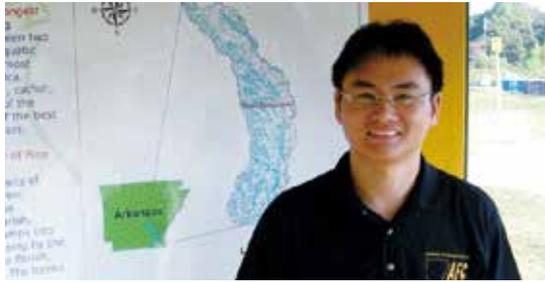
Founded by CAS and Inria in 1997, LIAMA is the first joint research lab between China and France. It was later approved by the Ministry of Science and Technology of China to be upgraded into an international joint research center and renamed from "Sino-French" to "Sino-European", after research institutes such as CWI joined the consortium in 2008.

Officials and representatives from more than ten other institutions also attended the signing ceremony.

## CAS researcher Receives Distinguished Service Award from American Fisheries Society

**C**HEN Yushun, an expert on aquaculture and aquatic ecosystems from the Institute of Hydrobiology, Chinese Academy of Sciences, received the Distinguished Service Award on August 23, 2017 at the American Fisheries Society (AFS) Annual Meeting in Tampa, Florida.

The Distinguished Service Award recognizes outstanding contributions of time and energy for special projects or activities by AFS members. "We applaud the distinguished service of Dr. CHEN and thank him for his continuous efforts to enhance member experiences with AFS," said AFS President Joe Margraf, who presented



the award to CHEN at the meeting’s plenary session.

CHEN was specifically recognized for his personal investment in helping AFS members establish new connections and relationships to expand the scope and effect of AFS. He has expanded the understanding of AFS throughout the world, making the World Council of Fisheries Societies more effective. He has also expanded Chinese understanding of AFS and its collaboration with the China Fisheries Society.

Currently, CHEN and his lab in Wuhan are examining the fish and aquatic communities, water

quality, and aquatic ecosystem health in the Yangtze River basin, as well as in the basins along the eastern part of China’s South-to-North Water Diversion Project. They are also working on Mississippi-Yangtze Large River Basins aquatic resources conservation and restorations through international collaborations.

CHEN received his PhD from West Virginia University, USA in 2009. Then he did postdoctoral research with the Dauphin Island Sea Lab, NOAA National Coastal Data Development Center, and Grand Bay National Estuarine Research Reserve from 2009-2010. He worked in the Aquaculture and Fisheries Center, University of Arkansas-Pine Bluff from 2010-2014 before joining CAS in late 2014.

Founded in 1870, AFS is the world’s oldest and largest fisheries science society. The mission of AFS is to improve the conservation and sustainability of fishery resources and aquatic ecosystems by advancing fisheries and aquatic science and promoting the development of fisheries professionals.

## Particle Physicist Awarded Young Researcher Prize by CERN

Experimental particle physicist CHEN Mingshui from the Institute of High Energy Physics, Chinese Academy of Sciences was awarded the 2017 Compact Muon Solenoid (CMS) Young Researcher Prize “for his sustained and critical contributions to the installation and commissioning of the CSC muon system, the discovery of the Higgs boson in its ZZ(\*) channel and the measurement of its properties via the combination of all pertaining results” on June 19 at the European Organization for Nuclear Research (CERN).

As a key member of the CMS Higgs group, CHEN has been mainly engaged in measuring the properties of the Higgs particle and searching for new physics beyond the Standard Model. He was a co-convenor of the CMS Higgs combination group in 2014 and 2015, and now co-convenes a joint working group from the ATLAS and CMS experiments and the theory community on Higgs properties. As a CMS member, he has co-authored more than 600 papers.



Since the year 2013, the CMS Young Researcher Prize has been awarded to CMS members who are less than eight years into their careers after the completion of their PhD. The Prize recognizes their outstanding achievements and is awarded to at least three members who have made a very significant and sustained contribution to CMS over years in any area of the experiment (hardware, software, technical, analysis, etc.). Each awardee receives a medal as well as a cash prize of CHF 2,500. The medal itself is made out of a piece of the CMS magnet’s conductor.