



5th Sino-French Joint Workshop on Atmospheric Environment

Air Quality Improvement and Future Challenges: Sciences, Technologies & Solutions

**Xi'an - China
October 11th - 14th, 2016**

Organized by:

	CRAES-MEP	Chinese Research Academy of Environmental Sciences
	ICARE-CNRS	Institut de Combustion, Aérothermique, Réactivité et Environnement
	RCEES-CAS	Research Centre for Eco-Environmental Sciences
	FD-MOE	Fudan University
	IRCELYON-CNRS	Institut de Recherches sur la Catalyse et l'Environnement de Lyon
	XI'AN-EPB-MEP	Xi'an Municipal Environmental Protection Bureau
	JES	Journal of Environmental Sciences
	SKL-ECRA	State Key Laboratory of Environmental Criteria and Risk Assessment
	CICAET	Collaborative Innovation Center of Atmospheric Environment and Equipment Technology

Hosted by:

XI'AN-MRIEP: Xi'an Municipal Research Institute of Environmental Protection
IEE-CAS: Institute of Earth Environment, Chinese Academy of Sciences
SHX-PAES: Shaanxi Provincial Academy of Environmental Science
XI'AN-JTU-MOE: Xi'an Jiaotong University



Objectives and Context of the Conference

On behalf of the Organizing Committee, we would like to bring your attention to 5th Sino-French Workshop on Atmospheric Environment to be held on October 11-14, 2016 at Xi'an, China.

Despite significant improvements, serious air pollution problems still persist worldwide and are becoming more and more complex and varying from one region to another. Science and technologies are required to provide solutions and alternatives. Therefore, a scientifically sound understanding is urgently needed to disclose the key reasons for regional complex air pollution problems and for the effective implementation of control measures.

The emphasis of the present conference will be on air quality improvement and future challenges where the science and new technologies development constitute the backbone for any proposed solutions. The meeting aims at bringing together scientists from different fields (chemistry physics, meteorology, epidemiology,...), industry and representatives of local governments (e.g., cities, regions...), in order to share their recent research progress relating to regional complex air pollution.

The Sino-French Conferences on Atmospheric Environment have been successfully held for four times since 2008 (Beijing, Orléans, Qingdao, Lyon), they have provided the opportunity for fruitful cooperation among interdisciplinary scientists. Three dedicated issues of Journal of Environmental Sciences have been published for the 2nd, 3rd and 4th workshops.

The 5th Sino-French Workshop will be held on October 11-14, 2016 at Xi'an, China, and will address different issues related to air quality improvement and future challenges and provide further forum for exchanging ideas about current research dealing with these issues.

While dedicated to Sino-French cooperation, this conference will be largely opened to participants from other countries, reflecting trans-boundary nature of atmospheric chemistry.

The topics to be addressed are:

- Pollution characteristics of primary and secondary air pollutants;
- Physical, chemical processes and mechanisms of air pollution;
- Eco-environment influence and health effects of air pollutants;
- Climatic effects of air pollutants;
- Source apportionment of primary and secondary air pollutants;
- Control techniques of primary air pollutants;



- Control strategy, policy and countermeasures of air pollution.

Preliminary Program

The workshop will include oral and poster sessions.

October 11, 2016	15:00-	Arrival and registration, Ice breaker party
October 12, 2016	9:00-18:00	Presentations & posters
October 13, 2016	9:00-18:00	
October 14, 2016	9:00-12:00	
	13:30-18:00	Study Tour

Call for Papers

Participants are invited to submit their abstracts to the workshop with mention as oral or poster. Participants could send the abstracts to the workshop's local organizing committee by email to the address sinofrench2016@126.com before **31th August, 2016**. The abstract (up to 1500 words) should include the parts of Objective, Method, Result and Conclusion. All submitted abstracts received will be reviewed on the basis of scientific merit, novelty and practical application. Due to the limited slots available, only part of the abstracts will be selected for oral presentations.

These abstracts will be published in the Workshop Proceedings, which will be handed out at the workshop. Peer-reviewed papers will be published as a dedicated issue of Journal of Environmental Sciences (English Edition).

Deadline: 31st August, 2016

Registration

Participants should send their **Return Receipt** and **Brief Introduction of Participants of SFJW 2016** for the workshop to sinofrench2016@126.com before June 30th, 2016.

The participants will take care of their accommodation costs and international travel fees for the workshop.

Venue & Accommodation

The workshop will be held in a hotel in Xi'an, China.

The detailed information will be given in the second announcement.

Language

The official language of the workshop is English.



Important Dates

Time	Activities
June 30 th , 2016	Return receipt
July 31 th , 2016	The second announcement
August 31 th , 2016	Abstract submission deadline
September 15 th , 2016	The third announcement with Draft Programme
October 1st, 2016	Final programme

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Conference venue

The scientific exchanges will take place on October 12 - 14, 2016 in Xi'an, China.

The detailed information will be given in the second announcement.

Xi'an was one of the most important cradles of Chinese civilization. The famous "Silk Road" that linked China with central Asia and the Roman Empire starts in Xi'an in the east. The city served as the first capital of a unified China and capital of 11 dynasties periodically from the 11th century BC to the early 10th century AD.

Located between rivers and mountains in the center of the fertile Guanzhong Plain in Shaanxi province, Xi'an--the provincial capital--is the natural place to nurture the nation's civilization. Back in the Neolithic Age, about 6,000 years ago, as excavations show, a matriarchal clan was formed at Banpo village in the region. Although damaged by several wars, Xi'an, covering 880 square miles and with a population of 3,915,000 still contains a host of historical sites.



The cultural history of Xi'an is rich and varied. The city played a role in the birth of Taoism and Confucianism, but also in the spread of Buddhism. She saw the creation of masterpieces of Chinese classical literature such as "The Book of Odes", Han style folk songs and ballads, and the famous Tong poem. Her School of Painting and Drawing, the so called Chan'an School, influenced this art in China during more than 400 years and the city welcomed a great many famous Chinese discoverers in particular in the technical field. All these achievements contributed to the progress of civilization in China and throughout the world.

Today Xi'an enjoys international recognition for its culture and history and is a famous tourist attraction. Main city on the upper and middle reaches of the Yellow River and bridge of the Eurasian continent, the city is open and modern combining in a unique manner culture, education, scientific, technological, commercial, educational and tourism development. Xi'an has the third largest number of colleges and universities in China, and a well-established scientific and high-tech industry, which benefits from the city's position as a well-connected transport hub for the whole country. *(Source: <http://www.shanghai.ws/brief-introduction-xian>)*



<https://en.wikipedia.org/wiki/Xi'an>

From top: Xian Terracotta Warriors Museum, Giant Wild Goose Pagoda, Drum Tower of Xi'an, Bell Tower of Xi'an, City wall of Xi'an, Tang Paradise at night.



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