

**7th Sino-French Joint Workshop
on Atmospheric Environment**

*Coordinated Control of PM_{2.5} and Ozone:
Theories and Practices*

Third Announcement





7th Sino-French Joint Workshop on Atmospheric Environment

Coordinated Control of PM_{2.5} and Ozone: Theories and Practices

Chengdu – China

November 17th – 19th, 2019

Organized by:

	CRAES-MEE	Chinese Research Academy of Environmental Sciences
	ICARE/OSUC-CNRS	Institut de Combustion, Aérothermique, Réactivité et Environnement/OSUC - Université d'Orléans
		
	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-Université de Lyon 1
	CHENGDU-EEB-MEE	Chengdu Municipal Ecological Environment Bureau
	AAE-CSES	Association of Atmospheric Environment of Chinese Society for Environmental Sciences
	JES	Journal of Environmental Sciences



2019
November 17th - 19th
● Chengdu ~ China ●



Hosted by:



Chengdu-AES Chengdu Academy of Environmental Sciences



SCU-MOE Sichuan University



SPU-MOE Southwest Petroleum University

Dear Participants of SFJW2019:

On behalf of the Organizing Committee, we would like to bring your attention to the 7th Sino-French Workshop on Atmospheric Environment to be held on November 17th-19th, 2019 at Chengdu, China. We would like to express our heartfelt thankfulness to all of you for your support. We will do our best to make this conference a complete success. We wish the arrangement as following would make your participation most convenient.

Registration Time

November 17th, 2019

Registration Procedure

Step	Procedure	Function	Notes
1	Sign-in Area	Find the No. for each participant.	Tell your name and organization to the conference staff and get to Sign-in Sheet.
2	Make Sign-in.	Make Sign-in according to the No. showed in the Sign-in Sheet.	Make Sign-in.
3	Registration Area	Pay the registration fee; Get the receipt; Fill the information	1) Pay the registration fee, get the receipt and will receive the invoice by



2019

November 17th - 19th

● Chengdu ~ China ●

		for the invoice.	mail after the conference. 2) Please show the proof if you already made the early payment of the registration fee.
4	Get Conference Bag	Get the Name Card, Conference handbook and Meal Tickets.	1) For those participants, who has paid the registration fee, use the Receipt to get the conference bag. 2) For those participants with free registration fee, please use the Sign-in Sheet to get the conference bag.
5	Check-in for the hotel	Make check-in at the reception desk of the hotel.	The conference staff will accompany you to the reception to make the check-in of the hotel.

Conference Form

The official language of the workshop is English, the workshop abstracts proceedings will be distributed to the participants in the workshop. The reporting forms will include Invited Speeches (Keynotes), Oral Presentations and Poster Presentations, which have been decided by the Conference Academic Committee according to the contents of the abstracts.

Preliminary Program

The workshop will include oral and poster sessions.

November 17 th , 2019	All day	Arrival and registration,
November 18 th , 2019	8:30-18:30	Presentations & posters
November 19 th , 2019	8:00-18:30	



Presentations

Monday, November 18th, 2019

08:30-12:00 Session I : Opening Ceremony

Opening ceremony will be held together with the 2019 Annual Meeting of the Atmospheric Environment Branch of the Chinese Society of Environmental Sciences.

***The speech arrangement during the opening ceremony are to be updated.**

13:30-16:10 Session II

Co-Chairs: Jianmin CHEN, Christophe Guimbaud

13:30-14:00 Welcome speech - Prof. Fahe CHAI

Prof. Abdelwahid MELLOUKI

Group Photo

14:00-14:20 Keynote - Prof. Christian GEORGE

Photosensitization in the air: bridging fundamental bulk processes with secondary organic aerosol production

14:20-14:40 Keynote - Prof. Jianmin CHEN

Chemistry triggered events of PM_{2.5} explosive growth in China

14:40-15:00 Keynote - Prof. Meigen ZHANG

Episode analysis of regional contributions to tropospheric ozone in Beijing using a regional air quality model



15:00-15:15 Presentation - Prof. Hong LI

Progress and Prospective of Atmospheric Photochemical Smog
Pollution Control in China

15:15-15:30 Presentation - Prof. Guoying WANG

Seasonal variation characteristics of Hydroxyl radicals and its
potential formation mechanism during the daytime in Lanzhou

15:30-15:40 Presentation - Dr. Xinke WANG

Atmospheric photosensitization: a new pathway for sulfate
formation

15:40-15:50 Presentation - Dr. Dandan LI

Chemical characterization and reactivity of highly oxygenated
molecules

15:50-16:10 Tea Break + Poster Viewing

16:10-18:30 Session III

Co-Chairs: Véronique DAËLE, Yujing MU

16:10-16:30 Keynote - Prof. Hartmut HERRMANN

Atmospheric aqueous phase chemistry: Similarities and
differences to surface water chemistry

16:30-16:50 Keynote - Prof. Hongjun MAO

Traffic Emission - Air Quality -Public Health



16:50-17:10 Keynote - Prof. Weigang WANG

Optical properties of secondary organic aerosols

17:10-17:25 Presentation -Prof. Matthieu RIVA

Examining the formation of atmospheric organic aerosol by ultrahigh resolution mass

17:25-17:40 Presentation - Prof. Shengrui TONG

The effect of Titanium Dioxide on Secondary Organic Aerosol Formation

17:40-17:55 Presentation - Dr. Peng WANG

Isoprene emissions response to drought and the impacts on ozone and secondary organic aerosols in China

17:55-18:10 Presentation - Mr. Jean-Philippe AMIET

Online GC-MS for fixed and/or mobile station for VOCs and SVOCs monitoring

18:10-18:30 One-minute PPT Report

Tuesday, November 19th, 2019

08:00-09:55 Session IV

Co-Chairs: Tao WANG, Matthieu RIVA

08:00-08:20 Keynote - Prof. Tao WANG

Interaction of anthropogenic and oceanic emissions and its impact on the atmospheric oxidative capacity: Preliminary result from a field study at a South China coastal site



08:20-08:40 Keynote - Prof. Christophe GUIMBAUD

Impact of global changes on Greenhouse Gas (GHG) exchanges with atmosphere for sphagnum type peatlands: field study and modelling approach for methane emissions

08:40-08:55 Presentation - Prof. Chunmei GENG

Vertical characteristics of Volatile Organic Compounds in ambient air at Lu mountain in eastern Chinas

08:55-09:10 Presentation -Prof. Yanli ZHANG

Spatiotemporal patterns and source apportionment of volatile organic compounds in China based on observations at twenty sites

09:10-09:25 Presentation - Dr. Hui CHEN

Characteristics of VOCs emission in a rural site in North China

09:25-09:40 Presentation - Dr. Yujie ZHANG

VOCs characteristics, sources and contributions to SOAFP during haze events in urban area of Beijing

09:40-09:55 Tea Break+Poster Viewing

09:55-12:30 Session V

Co-Chairs: Hongjun MAO, Yangang REN

09:55-10:15 Keynote - Prof. Pinhua XIE

Development of a field system for measurement of tropospheric OH radical using laser-induced fluorescence technique

10:15-10:35 Keynote - Dr. Yangang REN



Nighttime fate of the biomass burning chemicals: a case study of aromatic aldehydes

10:35-10:50 Presentation - Prof. Xinfeng WANG

Preliminary results on the observations fine particulate nitrated phenols in eastern China

10:50-11:05 Presentation -Prof. Wei TANG

Source Apportionment of PM_{2.5} in Shandong Province, China during 2017-2018 Heating Season

11:05-11:20 Presentation - Dr. Qili DAI

Residential coal combustion as an important source of primary sulfate in northern China

11:20-11:30 Presentation - Dr. Xuran LI

The contribution of serial autumn agricultural activities to PM_{2.5} pollution in rural areas of the North China Plain

11:30-11:40 Presentation - Dr. Hajar El OTHMANI

Revisiting the gas-phase rate coefficient of the $\text{OH} + \text{SO}_2 + \text{M} \rightarrow \text{HSO}_3 + \text{M}$ reaction

11:40-11:50 Presentation - Dr. Sander MIRME

An improved sample preconditioning unit for the Neutral cluster and Air Ion Spectrometer

11:50-12:00 Presentation - Dr. Jianfeng SUN

Comparison of Secondary Inorganic Ion Characteristics in Fine Particle Matters between Offshore and Coastal Urban Megacity: Ship Cruise and Land Campaigns in Shanghai, China



12:00-12:30 Poster Award Ceremony + Conclusions of the Conference

***If there is any information you need to modify, please contact the workshop's organizing committee (sinofrench2019@126.com) before 3rd November, 2019.**

Posters

Serial No.	Name	Title
SFJW2019-1	Jixin SU	Research on photocatalytic conversion materials of gaseous aromatic hydrocarbons
SFJW2019-2	Yan WANG	High levels of ozone-depleting CFCs at high altitudes over northern China during 2017–2018
SFJW2019-3	Renzhi HU	Simultaneous measurement of NO and NO ₂ by dual-channel cavity ring down spectroscopy technique
SFJW2019-4	Jiarong LI	Chemical characterizations of clouds at Mount Tai, China: Annual variation, sulfate formation, and cloud processing
SFJW2019-5	Chao ZHU	Molecular characterization of cloud water samples collected at the Mt. Tai using ultra-high-resolution FT-ICR mass spectrometry
SFJW2019-6	Bixin ZHAN	Study on the chemical composition of atmospheric aerosols during heavy pollution process at typical points in north China
SFJW2019-7	Guangzhao XIE	The characteristics, sources, contributions to SOA formation and spring festival effects of VOCs during wintertime in Baoding, China
SFJW2019-8	Yafei LI	Chemical characteristics and a high temporal resolution source apportionment of PM _{2.5} using PMF model coupled with the online multiple air pollutants dataset in Lin'fen city, China
SFJW2019-9	Baoshuang LIU	Chemical characteristics and sources of ambient PM _{2.5} in a harbour area: Quantification of heavy metal health risk from sources to workers



Serial No.	Name	Title
SFJW2019-10	Xiaoyun SUN	Long term trend of carbonaceous aerosol and emission sources at a megacity in China
SFJW2019-11	Huitao ZHANG	Temporal and spatial distribution and cluster analysis of chemical components of PM _{2.5} in Wuhan
SFJW2019-12	Wenhui ZHANG	A high-resolution source apportionment study of atmospheric PM _{2.5} in Shijiazhuang, China, using a receptor model coupled with a source-oriented model.
SFJW2019-13	Zhaohui JIANG	Seasonal and diurnal variations of carbonyl compounds in the forest atmosphere of Zhangjiajie, China
SFJW2019-14	Xin ZHANG	Pollution characteristics of atmospheric carbonyl compounds in a typical urban area in Beijing in early summer of 2018 and 2019
SFJW2019-15	Shijie LI	Diurnal and nocturnal variation of carbonyl compounds in the mountain and urban area of Zibo, eastern China
SFJW2019-16	Jinhe WANG	Determination and characteristic analysis of atmospheric carbonyl compounds in Tai'an during summer
SFJW2019-17	Xue YANG	Carbonyls observations in the background atmosphere of the south China
SFJW2019-18	Lei SUN	Impacts of meteorology and emissions on summertime surface ozone increases over central eastern China over the past 15 years
SFJW2019-19	Yaqi WEI	Nocturnal PM _{2.5} explosive growth mostly observed in the rural North Plain China
SFJW2019-20	Liang PENG	Establish a subjective mechanism of Joint Prevention and Control for Air Pollution in the Sichuan Basin of China based on long-term online monitoring data
SFJW2019-21	Clément DUBOIS	Characterization of ambient organic compounds in aerosol and gas-phases using new online measurement techniques based on the Orbitrap technology
SFJW2019-22	Antoine DEPOORTER	Heterogeneous photochemical processes on indoor surfaces leading to nitrous acid formation



2019

November 17th - 19th

● Chengdu ~ China ●



Serial No.	Name	Title
SFJW2019-23	Senlin LV	Studies on Iron solubility of Fe-bearing clay minerals
SFJW2019-24	Junling LI	Optical Properties of SOAs Derived From Long-Chain Alkanes
SFJW2019-25	Haijie ZHANG	Gas phase transformation from organic acid to organic sulfuric anhydride: Possibility and atmospheric fate in the initial new particle formation

- * The size of the poster will be **width 90 cm × height 120 cm**.
- * The top right corner of the poster is the **serial number (SFJW2019-XX)**, and the



upper left corner is the **LOGO** of the Sino-French conference.

- * There will be a **one-minute PPT report (during the oral presentations) session** for the all the Poster presenter (The ratio of PPT is 4:3. Please submit the one-sheet PPT file to sinofrench2019@126.com before **November 7th**.)

Accommodation

During the conference, accommodation will be arranged in Century city intercontinental hotel, Chengdu century city Holiday inn (east building, west building), Vienna International Hotel (Chengdu Global Center New Convention & Exhibition), Xingchen holiday inn. The hotel offers conference agreement rates only for the participants, and the accommodation costs shall be paid by the participants. Limited by the number of rooms, the conference affairs group will randomly assign other room types for the participants if the requirements of participants are not met.

***Please make sure you have booked the hotels during the conference successfully.**



Contact Information in China

Contact	Prof. Hong LI	Dr. Li ZHOU
Tel.	86-10-84912734/ 86-13811251464	86-28-85404973/ 86-13426487736
E-mail	lihong@craes.org.cn	lizhou@scu.edu.cn

Contact Information in France

Contact	Wahid MELLOUKI	Véronique DAËLE	Christian GEORGE
Tel.	0033620180174	0033238255494	0033611418724
E-mail	mellouki@cnsr-orleans.fr	veronique.daele@cnsr-orleans.fr	christian.george@ircelyon.univ-lyon1.fr

Conference Venue

The workshop will be held in Chengdu century city - international convention and exhibition center, China.

Chengdu century city - international convention and exhibition center is adjacent to Tianfu avenue, an extension of renmin south road, to the north to the outer ring road, to the east to the Jinjiang river, to the north to the Century Park, and to the east and west to the riverside green land. In addition, traffic conditions are very superior. As the landmark architecture of Chengdu, the political core area of the municipal government and the core area of the pan-south economic circle, the people flow, logistics, information flow and capital flow in the center are highly concentrated, which effectively promotes the development of regional economy.

***The location of hotels and public transportation roadmap are shown in Attachment 1 and Attachment 2.**



2019

November 17th - 19th

● Chengdu ~ China ●



Attachment 1: The location of hotels





2019

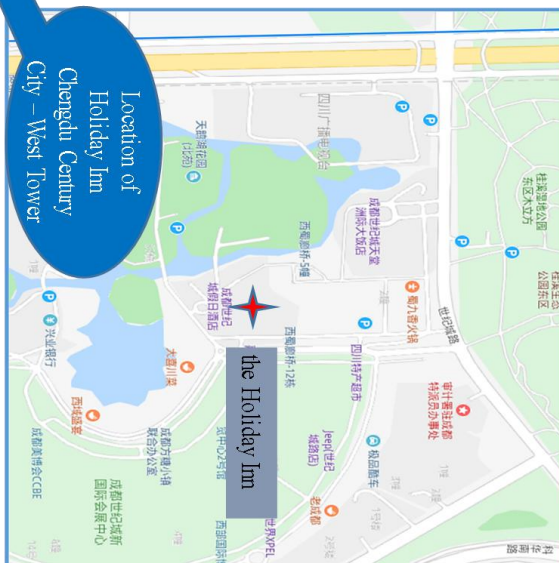
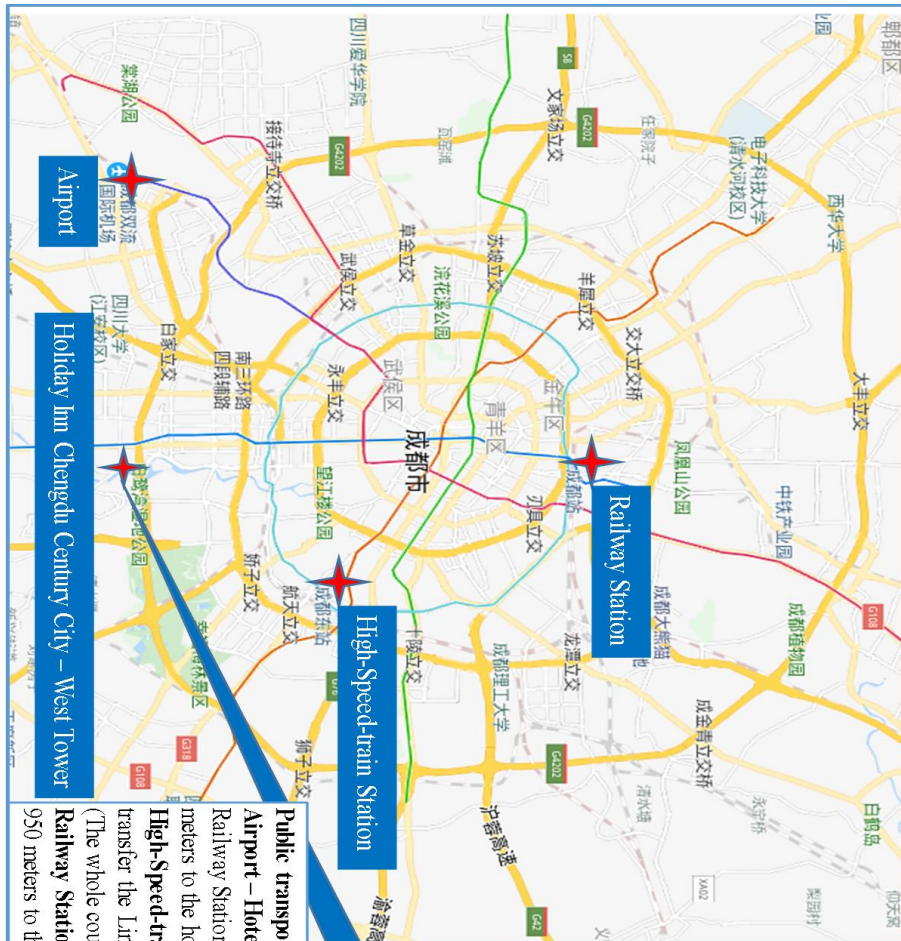
November 17th - 19th

● Chengdu ~ China ●

7th Sino-French Joint Workshop on Atmospheric Environment Coordinated Control of PM_{2.5} and Ozone: Theories and Practices



Attachment 2: Public Transportation



Public transportation roadmap:

Airport – Hotel: Take the Line 10 to Taipingyuan, then transfer the Line 7 to South Railway Station, then transfer the Line 1 to Century City (Exit A), finally, walk 950 meters to the hotel (The whole course is 19 kilometres, 40 RMB for a taxi).

High-Speed-train Station – Hotel: Take the Line 7 to South Railway Station, then transfer the Line 1 to Century City (Exit A), finally, walk 950 meters to the hotel (The whole course is 15 kilometres, 38 RMB for a taxi).

Railway Station – Hotel: Take the Line 1 to Century City (Exit A), finally, walk 950 meters to the hotel (The whole course is 22 kilometres, 58 RMB for a taxi).