



## Announcement

We are pleased to announce that the **11<sup>th</sup> International Conference Interfaces Against Pollution (IAP2021)** will be held in **Wuhan, CHINA**, on **May 14<sup>th</sup>-17<sup>th</sup> 2021**, organized by the Huazhong Agricultural University, State Environmental Protection Key Laboratory of Soil Health and Green Remediation, and Agro-environmental Protection Institute, Ministry of Agriculture and Rural Affairs, be conducted in a combination of on-site and on-line.

Following previous successful IAP editions, IAP2021 provides a forum for academic researchers and industry participants working in the interdisciplinary field of environmental science and technology, with emphasis on the **diverse roles that colloids and interfaces play in complex environmental processes and media**, and **in environmental sustainability** (<http://www.iapconferences.org>).

The scope of IAP2021 includes topics of societal concerns as diverse as environmental protection, (bio)remediation of polluted sites, optimization of mineral resources, impacts of nanotechnology products on aquatic media and biota, fate and toxicity of pollutants in environmental aquatic and soil systems, and a special focusing on the environmental implications of COVID-19. Adequate investigation of these topics requires joint experimental and theoretical expertise from geoscientists, biologists, chemists and physical chemists, to whom this conference series offers a platform. The Scientific and Organizing Committees of IAP2021 welcome fundamental and solution-oriented research contributions representing notable steps towards the **understanding and control of interfacial and colloidal processes operative in model, engineered, and natural systems** (<http://iap2021.hzau.edu.cn>).

The IAP2021 conference will be located in Wuhan, an attractive city in central China. The Yangtze River and its greatest branch, the Hanshui River, flow across Wuhan and the city is surrounded by hundreds of lakes. Wuhan has a history of over 3500 years and used to be the center of the Chu Culture in ancient China. Beautiful artifacts (e. g., Marquis Yi chime bells) from this epoch can be admired in the Hubei Provincial Museum. There are also many other places of interest and scenic spots such as the famous Yellow Crane Tower, the old 'western' city, the old city hall and parc, modern luxury shopping malls and East Lake.

The Organizing Committee warmly welcomes you to participate in the IAP2021 conference.

**For more information, please visit our website:** <http://iap2021.hzau.edu.cn>

**Chair: Wenfeng Tan** Huazhong Agricultural University, China

**Co-chair: Liping Weng** Agro-environmental Protection Institute, Ministry of Agriculture and Rural Affairs, China

**Co-chair: Peng Cai** Huazhong Agricultural University, China

## Topics

- Reactivity and behaviour of pollutants at (bio)colloids/water interfaces (sorption, speciation, bioavailability, toxicity, transport and transformation) addressed under equilibrium and dynamic conditions: measurements (methods) and theory.
- Physicochemical properties, fate and behavior of engineered nanoparticles, emerging contaminants (micro/nano-plastics, pharmaceutical residues) and other persistent organic pollutants in environmental systems.
- Design and preparation of eco-friendly materials for gas purification, soil remediation, and wastewater treatments.
- Roles of (micro)organisms and biofilms in the immobilization, degradation, catalysis, transport and transformation of pollutants in environment, applications in bio-remediation.
- Roles of biological and non-biological interfaces and colloids in the transport, speciation, (bio)availability and eco-toxicity of contaminants in environmental systems.
- Interfacial mineralogical processes: effects on fate, behavior, and (bio)availability of nutrients and contaminants in natural and agricultural ecosystems.
- Case studies of field work on the mechanisms of contaminant sorption and successful large-scale remediation of environmental systems (e.g., lakes, groundwaters, farmlands, etc.).
- Environment implications of COVID-19 (e.g., transmission of COVID-19 through environment, treatment of medical waste, etc.)

## Venue and Time

Venue: International Academic Exchange Center of HZAU

Time: May 14<sup>th</sup>-17<sup>th</sup>, 2021

On-site registration and welcome reception: May 14<sup>th</sup>

Closing ceremony: May 17<sup>th</sup>, afternoon

## Organization

### Conference organizers

Huazhong Agricultural University (HZAU)

### Co-organizers

State Environmental Protection Key Laboratory of Soil Health and Green Remediation

Agro-environmental Protection Institute, Ministry of Agriculture and Rural Affairs

## **International advisory council**

**Chair:** Jérôme F. L. Duval, France

**Co-chair:** Michael Sander, Switzerland

**Past Chair and Founder:** Luuk Koopal, Netherlands

**Past Chair:** David Waite, Australia

### **Members**

Yasuhisa Adachi, Japan

Marcelo Avena, Argentina

Philippe Behra, France

Maarten Biesheuvel, Netherlands

Jean-Francois Dufrêche, France

Yael Mishaël, Israel

Munehide Ishiguro, Japan

Erwin Klumpp, Germany

Gianluca Li Puma, UK

Jaume Puy, Spain

Takumi Saito, Japan

Kevin Wilkinson, Canada

Wenfeng Tan, China

Alberto Tiraferri, Italy

Raewyn M. Town, Belgium

Paul Tratnyek, USA

Nathalie Tufenkji, Canada

Jerzy Zajac, France

## **Schedule**

May 14<sup>th</sup>, 2021: on-site registration and welcome reception

May 15<sup>th</sup>, 2021: open ceremony, plenary lectures, on-line poster and sub-group oral presentations

May 16<sup>th</sup>, 2021: plenary lectures, sub-group oral presentations, on-line poster and gala dinner

May 17<sup>th</sup>, 2021: plenary lectures, sub-group oral presentations and closing ceremony

## **Format**

On-site & on-line oral presentations, digital posters

Application for on-line session: **Zoom**

### **Oral presentation**

Plenary lectures: 40 min (invited)

Keynotes: 25 min (selected/invited)

Oral presentations: 20 min

On-site & on-line: 8:00 to 12:00 and 14:00 to 18:00 (Beijing time)

The oral presentation will be conducted in a combination of on-site and on-line. Access to the on-line platform will be available to the participants before at least one hour of the event. Content will be available on-demand to registered delegates for 30 days so you can re-watch sessions and view other presentations from parallel sessions you may have missed.

## Poster

Poster presentations: 10 min

On-line discussion: 19:00-22:00 (Beijing time)

The digital poster is required to submit to the organizing committee before [May 1<sup>st</sup>, 2021](#) by the reporters and it will be sent to every participant with a special No. before [May 7<sup>th</sup>, 2021](#). On [May 15<sup>th</sup>-16<sup>th</sup>, 2021](#), the reporters are required to log on Zoom to introduce their works and answer the questions from the participants at the appointed time.

## Registration

### Key date

Registration open: December 1<sup>st</sup>, 2020

Abstract submission open: December 1<sup>st</sup>, 2010

Abstract submission deadline: March 1<sup>st</sup>, 2021

Early-bird registration deadline: March 1<sup>st</sup>, 2021

### Registration fees (CNY)

	Early birds (till March 1 <sup>st</sup> , 2021)	Later registration (after March 1 <sup>st</sup> , 2021)
Standard registration-Academic	2000	2400
Standard registration-Student	1200	1600
Accompanying person	800	800
On-line participants	0	0

✦ All fees are in CNY (1 CNY≈0.13 EUR, or 0.14 USD, or 14.8 JPY, or 0.21 AUD)

✦ The student ID card will be required for on-site registration of students

✦ Standard Registration fee includes

- conference materials with file pocket, name tag, ball-pen, calendar and a U-disk (copy of abstract files)
- access to all conference sessions
- lunch, coffee breaks, welcome reception and gala dinner

## Submission

Abstracts must be submitted on-line (<http://iap2021.hzau.edu.cn>). You can indicate your preference when submitting the abstract. The Organizing Committee will select the abstracts for oral presentations or posters.

## Awards for Young Scientists

### Conference Participation Awards

The IAP2021 offers financial support to encourage PhD students and post-docs to attend IAP2021. The registration fees of [20 young scientist laureates](#) will be covered by the organizing committee.

To apply for this registration award, applicants should contact the organizing committee ([IAP2021@mail.hzau.edu.cn](mailto:IAP2021@mail.hzau.edu.cn)) after completing their abstract submission in order to obtain an application form. The applicants will send back the completed application form to the organizing committee. The deadline for receipt of the application forms is [March 1<sup>st</sup>, 2021](#).

The laureates will be selected by the International Advisory Council and Organizing Committee and informed by [March 1<sup>st</sup>, 2021](#).

### Poster Prizes

The organizing committee will evaluate the posters and the best **6 winner presenters** will receive an award for the quality of their poster. The winners will receive an award certificate issued by the International Advisory Council and the Organizing Committee and a souvenir of Wuhan city (the on-site winners). The poster prizes are only for young scientists (PhD students and 2 years (at most) Postdoc).

### Special issue

Applied Geochemistry; Environmental Science-Processes & Impacts.

### Contact Persons

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### Website

IAP2021: <http://iap2021.hzau.edu.cn>

IAP main website: <http://www.iapconferences.org>

