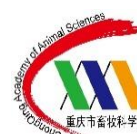




2023 International Symposium On Animal Environment and Welfare Chongqing, China • October 23–25, 2023



First Announcement and Call for Abstracts

A healthy environment for animals and farmers, enhanced animal health and welfare, and minimum impact on the ecosystem continue to be a critical pillar of sustainable modern food animal production agriculture. Since 2011 the International Research Center for Animal Environment and Welfare (IRCAEW) has been hosting biennial symposia that aim to exchange cutting-edge research findings, discuss present and future needs of the production enterprise, explore ways to further interdisciplinary endeavors globally, and ultimately advance the science and technology for improved animal welfare/health, production efficiency, and environmental stewardship. The 2023 International Symposium on Animal Environment and Welfare (ISAEW 2023) will be held on October 23–25, 2023 in Rongchang, Chongqing, China. The symposium will use a hybrid format of in-person and on-line to accommodate the attendees whose travels may be affected by various reasons. This announcement provides information regarding timeline, thematic areas, organizing committees, registration, and travel logistics.

Timeline:

March 31, 2023:	Deadline for abstract submission
April 20, 2023:	Notification of abstract acceptance
June 30, 2023:	Deadline for initial full paper submission
August 1, 2023:	Reviews provided to corresponding author
August 31, 2023:	Deadline for full paper to be included in the proceedings
October 23-25, 2023:	Holding of ISAEW 2023

October 23, Monday

Onsite Registration

October 24, Tuesday

Morning: Opening ceremony; plenary sessions with invited speakers

Afternoon: Concurrent technical sessions

October 25, Wednesday

Morning: Plenary sessions with invited speakers

Afternoon: Concurrent technical sessions; Closing ceremony

Venue (in person):

Chongqing Academy of Animal Sciences,

No. 51, Changlong Road, Rongchang, Chongqing, China

Theme Areas:

I. Intensive Livestock Farming and Sustainability

1. Impact of large-scale livestock operations on environment
2. Intensive livestock farming, land use, and labor challenge and possible solutions
3. Economic analysis of livestock operations: cost of production and profitability
4. Gas and particulate emissions from livestock operations
5. Manure and by-product management and utilization
6. Renewable energy and energy-saving practices in livestock operation
7. Water usage and water-saving practices in livestock operation

II. Livestock Housing Systems

1. Innovative livestock housing systems for sustainability
2. High-rise (multistory) housing systems
3. Digital and smart housing systems
4. Production efficiency, safety, and risk management
5. Space requirements for optimal welfare and efficiency
6. Animal product safety and traceability
7. On-farm automation

III. Precision Livestock Farming and Animal Welfare

1. Benefits of PLF: animal welfare and health, environment, economics, and labor
2. Big data, machine learning, and IoT for PLF applications
3. Sensors, sensing and robotics for PLF applications
4. Case studies of PLF applications
5. Smart equipment and tools: environmental control, feeding, watering, milking, behavior monitoring
6. Cybersecurity in livestock operations – challenges and solutions

IV. Climate Change and Livestock Production

1. Monitoring and measurement of GHG emissions
2. GHG emission regulations
3. Strategies and technologies for GHG emission reduction
4. Extreme weather (heat or cold waves) and its impact on animal productivity
5. Public-private partnerships toward climate-smart livestock production

V. Rural Revitalization and Livestock Farming

1. Positive role of livestock farming in rural revitalization
2. Social impact of livestock farming in rural communities
3. Land use planning and optimal usage of land
4. Successful models of livestock farming in revitalizing rural communities

VI. Animal Health and Disease Control

1. Emerging animal diseases
2. Disease surveillance and eradication: regulations and strategies
3. Biosafety in modern livestock operations
4. Disease transmission: mechanisms, management, and modeling
5. Managing disease outbreaks – emergency plans and responses
6. Vaccination for disease prevention

Abstract Submission:

The ISAEW 2023 is soliciting abstracts on the afore-listed topics. Please prepare an abstract of less than 250 words using the form contained in this announcement and submit it via the symposium website: <http://isaew2023.aconf.org/>

All abstracts will be lightly reviewed, and those selected for presentation at the symposium will be provided with paper and/or poster templates for their finished work. Full-length papers will be edited and published in a symposium proceedings.

Posters should fit within a 120 cm high x 86 cm wide (47" x 34") area.

Sponsored by:

International Research Center for Animal Environment and Welfare (IRCAEW)
Chinese Society of Agricultural Engineering (CSAE)
China Agricultural University (CAU)
Rongchang District People's Government
The National Center of Technology Innovation for Pigs

Hosted by:

Chongqing Academy of Animal Sciences (CAAS)
Key Lab of Agricultural Engineering in Structure and Environment, Chinese Ministry of Agriculture, Beijing, China

Symposium Co-chairs:

Dr. Baoming LI, Professor, China Agricultural University, China
Dr. Qiang Zhang, Professor, University of Manitoba, Canada

Organizing Committee:

Mr. Yong Huang, Vice President and Research Scientist, CAAS, China
Dr. Robert Burns, Distinguished Professor, University of Tennessee, USA
Dr. Hongwei Xin, Dean, Director and Professor, University of Tennessee, USA
Dr. Teng Teeh Lim, Professor, University of Missouri, USA
Dr. Jiqin Ni, Professor, Purdue University, USA
Dr. Chaoyuan Wang, Vice Director and Professor, China Agricultural University, China
Dr. Lingjuan Wang-Li, Professor, North Carolina State University, USA
Dr. Guoqiang Zhang, Professor, University of Aarhus, Denmark
Dr. Lingying Zhao, Professor, Ohio State University, USA
Dr. André Aarnink, Research Fellow, Wageningen University, the Netherlands
Dr. Weichao Zheng, Professor, China Agricultural University, China
Ms. Wen Liu, Professor, CAAS, China

Program and Proceedings Committee:

Dr. Qiang Zhang, Professor, University of Manitoba, Canada
Dr. Lingying Zhao, Professor, Ohio State University, USA
Dr. Lingjuan Wang-Li, Professor, North Carolina State University, USA
Dr. Teng Teeh Lim, Professor, University of Missouri, USA.
Dr. Chaoyuan Wang, Vice Director and Professor, China Agricultural University, China
Dr. Weichao Zheng, Professor, China Agricultural University, China

Dr. André Aarnink, Research Fellow, Wageningen University, the Netherlands

Local Arrangement Committee:

Dr. Liangpeng Ge, Director and Research Scientist and, CAAS, China

Dr. Feiyun Yang, Director and Research Scientist, CAAS, China

Dr. Dingbiao Long, Director Research and Scientist, CAAS, China

Ms. Qin Tang, Director, CAAS, China

Mr. Jianan Tang, Vice Director and Professor, CAAS, China

Contact for further information or questions:

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Chongqing

Cell: +86 13983637816; Fax: +86 23 46792348; Email: 1127980958@qq.com

Dr. Weichao Zheng

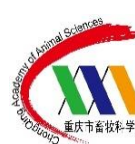
Department of Agricultural Structure and Bioenvironmental Engineering

China Agricultural University, Mail Box 67, Beijing 100083, China

Cell: +86 13811997928; Fax: +86 10 62736904 ; Email: weichaozheng@cau.edu.cn



**2023 International Symposium
On Animal Environment and Welfare
Chongqing, China • October 23–25, 2023**



Abstract Submission Form (Due March 31, 2023)

Theme Area no. & Topic: _____

Paper/Poster title: _____

Author names: _____

Presentation Type: Oral _____ Poster _____ No preference _____

First author (if not Corresponding author) E-mail: _____

Corresponding author E-mail (req'd): _____

First Name: _____ Surname: _____ Title: _____

Institutional Affiliation: _____

Street Address: _____

City: _____ State/Province: _____

Zip/Postal Code: _____ Country: _____ Phone: _____

Abstract (<250 words):

Submit the completed form via the symposium website: <http://isaew2023.aconf.org/>

Registration:

1. Registration: online, please visit <http://isaew2023.aconf.org/>

2. Registration Fee:

Attendee Category	Early Registration by June10, 2023	Regular Registration by August 31, 2023	On-site Registration
Overseas – Regular	N/A*	N/A*	USD\$400
Domestic - Regular	¥1,800	¥2,000	¥2,200
Overseas – Students	N/A*	N/A*	USD \$200
Domestic – Students	¥900	¥1,000	USD ¥1,100

*Currently not available, but working on the option of on-line credit card payment, and will update once the service becomes available. Please prepare to pay cash for on-site registration.

3. Registration fee will cover symposium & meals. Lodging expenses are the responsibility of the attendees.
4. To ensure accommodation at the symposium headquarters hotel (Rongchang Ruier Hotel), the domestic attendees should register by September 30, 2023 online.

Travel and Lodging:

Travel:

Flights

- The Chongqing Airport code is CKG; many convenient domestic flights to Chongqing are available, it takes about 2 hours from the airport to the hotel by car or bus, and 50 minutes by train (see below).
- The Chengdu-Shuangliu International Airport code is CTU, it takes about 5 hours from the airport to the hotel by car or bus, and 60 minutes by train (see below).
- The Luzhou Yunlong Airport code is LZQ. It takes 40 minutes from the airport to the hotel by car or bus.

High-speed train

Chongqing Bei--Rongchang Bei (50minutes)

Chongqing Xi—Rongchang Bei (40 minutes)

Shapingba--Rongchang Bei (40minutes) ,

Chengdu Dong--Rongchang Bei (60minutes)

Bus

Bus transportation is available from Chongqing to Rongchang.

Hotel:

- Rongchang Ruier Hotel (a four-star hotel) in Rongchang, No. 39 Changlong Road, Rongchang, Chongqing, China, Phone: (86)-23-46776080
- Rongchang Weiya Hotel, No. 56, Changlong Road, Rongchang, Chongqing, China Phone: (86)-23-46551111
- Rongchang Shuohaobufenshou Hotel, No. 133, Guotai Road, Rongchang, Chongqing, China Phone: (86)-23-46273333