


WCAE 2023

World Conference on Acoustic Emission - 2023
November 14-17, 2023, Chengdu, Sichuan, China

Sponsored by  International Society on Acoustic Emission

Organized by  Chinese Society for Non-destructive Testing

 China Special Equipment Inspection and Research Institute

Call for Papers

The primary objective of the WCAE-2023 is to exchange research and application information on acoustic emission (AE), with particular emphasis on scientific and technical development and cooperation worldwide. The conference is aimed at providing a platform to scientists and practitioners in both academia and industry. The contributions are sought in all areas related to acoustic emission, but not limited to:

- AE signal detection and processing
- AE behavior of materials
- AE in pressure equipment
- AE in structures
- AE in civil engineering and geology
- AE in transportation engineering
- AE in condition monitoring and diagnosis for mechanics
- AE in medical science
- AE standardization
- AE instrument and new developments
- AE applications in other fields

The official working language of this event is English.

Key Dates

Abstract submission: July 31, 2023

Notification of acceptance: August 31, 2023

Submission of full papers: during the conference

Conference Secretariat

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A photograph of several giant pandas in a natural habitat, surrounded by bamboo stalks and logs. The pandas are in various poses, some sitting and some lying down. The background shows a dense forest of bamboo.

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INVITATION LETTER

It gives us great pleasure to invite you to attend the World Conference on Acoustic Emission-2023 (WCAE-2023) which is sponsored by International Society on Acoustic Emission (ISAE) and organized by the Chinese Society for Non-destructive Testing (ChSNDT) and China Special Equipment Inspection and Research Institute (CSEI).

This event follows the successful conferences, WCAE-2011 in Beijing, China, WCAE-2013 in Shanghai, China, WCAE-2015 in Hawaii, USA, WCAE-2017 in Xi'an, China and WCAE-2019 in Guangzhou, China. The 1st officers of ISAE were elected during the WCAE-2013, And the 2nd officers of ISAE were elected during the WCAE-2017. The standing office for ISAE has been funded by the Chinese Society for Non-destructive Testing and China Special Equipment Inspection and Research Institute. The web-page of ISAE has been registered as www.TheISAE.org.cn to be the official site. The selection of sites of WCAE-2023 was determined by the ISAE Executive Committee through consultation. It will be held in November 14-17, 2023 in Chengdu, China.

ISAE is organized exclusively for the purposes of promoting scientific, technical and educational exchanges world-wide, primarily in the following:

1. Advancing acoustic emission technology through timely exchange of technical information.
2. Defining and promoting standardized terminology in acoustic emission documentation.
3. Organizing informal workshop meetings.
4. Promoting and/or organizing symposia-type technical sessions on acoustic emission.
5. Establishing technical interchange with other groups interested in acoustic emission and its applications.

Chengdu, the capital city of Sichuan province, is located in Chengdu plains in the center of Sichuan basin. With an area of 12,100 square kilometers and a permanent population of 16.98 million, Chengdu is the fourth most populous city in China. With a civilization of 4500 years and a city history of 3100 years, Chengdu is the only city in China whose name and location have never been changed throughout the ages. Chengdu is the starting point of the famous Silk Road in southern China. Sichuan is known as the "Country of Heaven" and the "Land of Abundance". Chengdu have the famous Sanxingdui culture, World Heritage Site of Duijiangyan, and the Research Base of Giant Panda Breeding, etc. Chengdu was recognized by UNESCO as a city of gastronomy. Chengdu enjoys convenient transportation and pleasant weather.

In November, 2023, the WCAE-2023 will be held in Chengdu, Sichuan, China. As the organizers for this great event and on behalf of the sponsors, we would like to extend our warm welcome to invite everyone who cares about AE to the WCAE-2023 Chengdu. We shall do our best to offer opportunities for networking, making new friends, and enjoying the beauty of Chengdu.

We are looking forward to meeting you in November, 2023 in Chengdu, China.

Gongtian Shen
Chair of WCAE-2023
Honorary President of ISAE
President of ChSNDT

Gang Qi
President of ISAE
Professor of University of Memphis