

ACCM 12
Hangzhou, China 25-28 April, 2023

**12th Asian-Australasian
Conference on Composite Materials**

Organizers:  浙江大学
 中国复合材料学会
CHINESE SOCIETY FOR COMPOSITE MATERIALS

Co-organizers:  华东理工大学
 华北理工大学
 西北工业大学
 同济大学
TONGJI UNIVERSITY

CALL FOR PAPERS



Zhejiang University



Chinese Society for Composite Materials

Welcome from Chairs

Welcome to ACCM12 !

On behalf of the Asian-Australasian Association for Composite Materials (AACM), we sincerely welcome you to join us at the 12th Asian-Australasian Conference on Composite Materials (ACCM12) to be held from **25th to 28th April 2023 in Hangzhou, China**.

Under the leadership of the AACM established in 1997, ACCM series has developed as one of the largest composites conference in the world promoting scientific research, technological development and industrial applications in the field of composite materials.

The theme of ACCM12 is ***“Composites for Quality of Life”***. ACCM12 will feature a 3-day program of divergent range of themes in composite research, and will showcase plenary and keynote talks, academic exchange, international networking, topical sessions/symposia and social activities including Banquet and Awards Ceremony. It promises to provide a valuable platform for scientists, engineers, postgraduates and other professionals to share, discuss and critically examine the most recent progress and trends in Composites Materials, Design Manufacturing and Applications.

Hangzhou, the home for ACCM12, renowned as “Paradise on the Earth”, is also preparing to host the 19th Asian Games.

We look forward to welcoming you at ACCM12 in Hangzhou in April 2023!



Honorary Chair

Prof. Shanyi DU
Harbin Institute of Technology



General Chair

Prof. Hua-Xin PENG
Zhejiang University

Conference Basic Information

Name: 12th Asian-Australasian Conference on Composite Materials (ACCM12)

Theme: *Composites for Quality of Life*

Time: 25 - 28 April 2023

Venue: Blossom Water Museum Hotel, Hangzhou, China

Website: www.accm12.net

Organizers:



Zhejiang University



Chinese Society for Composite Materials

Co-organizers:



Harbin Institute of Technology



Hebei University of Technology



Northwestern Polytechnical University



Tongji University

Supported by:

Asian-Australasian Association for Composite Materials

Dezhou Maite New Materials Research Centre

Collaborating Journals:

Composites Science and Technology

Composites Communications

Composites Part A

Composites Part B

International Journal of Minerals, Metallurgy and Materials

Acta Materialiae Compositae Sinica

International Journal of Smart and Nano Materials



Abstract Submission

Timeline for Authors

- ✧ Abstracts submission deadline: **15 March, 2023**
- ✧ Full paper submission deadline: **30 March, 2023**

Authors are invited to pay careful attention to the presentation and content of their abstract. Abstracts should be written in English and no longer than 300 words. There is no limit to the number of presentations for which you can be listed as “Co-Author”.

Criteria for the abstract to be selected are scientific/technical content, style/clarity, and completeness. Submissions must be original and should not have been published previously or be under consideration for publication elsewhere. Abstracts should be submitted in the Word format. Please submit abstract online at www.accm12.net.

ACCM12 Focus Sessions

Materials Science

- Session 1 Polymer Matrix Composites
- Session 2 Metal Matrix Composites
- Session 3 Ceramic Matrix Composites
- Session 4 Carbon Composites
- Session 5 Textile-Based Composites

Functional Composites

- Session 6 Natural Fibers / Green Composites
- Session 7 Nanocomposites
- Session 8 Meta-Composites
- Session 9 Multi-Functional / Smart Composites
- Session 10 Thermal / Fire Retardant Composites



Manufacturing

- Session 11 Automated Manufacturing
- Session 12 Out-of-Autoclave Process
- Session 13 3D/4D Printing and Emerging Technologies

Simulation & Testing

- Session 14 Optimization Design/ Modeling and Simulation
- Session 15 Testing and Evaluations
- Session 16 Failure Criteria and Verification

Applications

- Session 17 Engineering Applications (Aerospace, civil infrastructure, transportation and wind energy)
 - Session 18 Biomedical Applications
 - Session 19 Emerging Applications (Absorption, Shielding, Cloaking, Sensing, Actuating etc.)
 - Session 20 Composites Repair, Self-healing, Recycling and Machining
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Registrations

To attend the Conference, one needs to complete the registration and payment. Authors will need to register before the Early-Bird deadline to allow the papers to be included for final online publication. A **No Paper No Podium** policy will be followed. Each paper shall at least have one registered delegate. **Each delegate can register to present two papers at most** either by Oral or Interactive Display.

ACCM12 will be organized in an ONSITE + ONLINE hybrid mode. Authors can participate in the conference either **Onsite in Hangzhou** or **Online**. The registration fees are different for onsite and online participants. Authors are strongly advised to pay attention to this change.

Registration Rates*

ONSITE participant Rates	Early Bird	Standard Rates	Onsite
	Before 15 March, 2023	16 March - 24 April, 2023	25 April, 2023
Student Delegate	300 USD (1900 CNY)	350 USD (2200 CNY)	400 USD (2500 CNY)
Full Delegate	600 USD (3800 CNY)	650 USD (4200 CNY)	700 USD (4500 CNY)

ONLINE participant Rates	Before 25 April, 2023
Student Delegate	100 USD (600 CNY)
Full Delegate	200 USD (1200 CNY)

*E-invoice will be issued for the registration fee with the content of **"Conference Fee"**.

Registration instructions

Above registration rates include tax. All deadlines refer to **GMT+8, Beijing Time**. The registration is only completed upon confirmation of payment.

What's Included in My Registration?	Onsite Registrant	Online Registrant
Access to presentations for all technical sessions	√	√
Access to technical and academic sessions including Plenary, Keynote, Journal, Industry Sessions, etc.	√	√
Access to all content on the virtual platform	√	√
Paper online publication, opportunity to publish in TOP journals	√	√
Conference bag and materials	√	×
Tea breaks, lunches, Banquet	√	×
Award Ceremony	√	×

Cancellations, Changes & Substitutions

Cancellation: Cancellations of registration can be received in writing at Email composite@zju.edu.cn by April 10, 2023. All cancellations received after this date will be refunded their fees a \$75.00 (or 500 RMB) cancellation fee. No refunds will be issued after the cancellation deadline 18 April, 2023.

Change of registration: If you have registered as an online attendee and you want to change your registration to an onsite attendee, there will be no extra charge. However, if you have registered as an onsite attendee and you want to change your registration to an online attendee after April 10, 2023, you will be charged a \$75.00 (or 500 RMB) extra fee.

For ONSITE Attendees: Substitutions received after April 10, 2023, will be handled onsite. Onsite substitutes must bring authorization in writing from the original registrant. There is no charge for substitutions.

For further information please visit www.accm12.net

Any queries, please feel free to contact the conference secretariat.

Conference Secretariat



浙江大學
ZHEJIANG UNIVERSITY



中国复合材料学会
CHINESE SOCIETY FOR COMPOSITE MATERIALS

General Affairs & Academic

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Sponsorship & Exhibition

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Conference Venue

Blossom Water Museum Hotel, Hangzhou, China

Address: No. 118 Shuibo Road, Xiaoshan District, Hangzhou, China.