

The 11th International Conference on Image, Vision and Computing

Co-sponsors : Kunming University of Science and Technology, IEEE
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<http://icivc.org/> | July 17–19, 2026 | Kunming, China

Important Dates — —

- Submission Deadline: March 1, 2026
- Notification of Acceptance: April 1, 2026
- Registration Deadline: April 15, 2026

SPECIAL SESSION **2**

Extreme Environment Visual Adaptation Tech

This session explores core breakthroughs in visual perception and adaptation technologies for extreme environments, covering four key areas: high-altitude low-oxygen visual equipment adaptation, deep-sea low-light imaging, high-temperature industrial visual sensing, and polar low-temperature monitoring systems. We invite papers on specialized device design, imaging algorithm innovation, sensing signal enhancement, and system reliability optimization. Discussions will focus on overcoming device performance bottlenecks, advancing interdisciplinary integration, and promoting practical applications in scientific research and industrial production. We welcome submissions of prototypes, case studies, and future prospect analyses.

Call for Papers — —

Topics of interest include, but are not limited to:

- High-altitude low-oxygen visual equipment adaptation
- Deep-sea low-light visual imaging technology
- High-temperature industrial environment visual sensing
- Polar low-temperature visual monitoring systems
- Strong Electromagnetic Interference Visual Anti-jamming Tech
- Sand-dust & Haze Visual Penetration Imaging Tech
- Nuclear Radiation Environment Visual Detection & Protection Tech
- Complex Weather Visual Stable Perception Tech
- Underground Mine Confined Space Visual Localization Tech
- Space Extreme Environment Visual Imaging Adaptation Tech
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Conference Venue — —

Yunnan Fontaine Blanche Hotel
Address: No. 768, Juxian Street, kunming university Town,
Cheng- gong District, kunming City

Co-sponsored by



Session Chair

Hongping Gan

Northwestern Polytechnical University, China

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Submission — —

Submit via EasyChair:

<http://www.easychair.org/conferences/?conf=icivc2026>

(Choose special session 2)

Or email to: icivc_conf@163.com

Notes:

Papers must be written in English, at least 4 pages in length, and follow the conference template.

Abstract-only submissions are accepted for oral presentation (no publication).

Detailed instructions: <http://icivc.org/sub.html>

Publication — —



All accepted and presented papers will be included in the ICIVC 2026 Conference Proceedings, published by **IEEE**, and submitted for indexing in **Ei Compendex and Scopus**.

For more details, please visit: <https://icivc.org/pub.html>

Conference Program — —

July 17: Registration & Material Collection

July 18: Opening Ceremony, Keynote Speeches, Group Photo, Parallel Sessions

July 19: Oral & Poster Sessions

Contact — —

Conference Secretary: Ms. Lorraine

weChat: iconf-cs-2

(please note "ICIVC 2026" when adding)

