

The Third International Conference on Earth & Space: from Infrared to Terahertz (ESIT 2024)

To implement the national innovation-driven development strategy, achieve the development goal of transforming traditional industries with technology and promoting industrial upgrading, and enhance the independent innovation level of infrared millimeter wave, terahertz and space science and technology application industries in China, The Third International Conference on Earth & Space: from Infrared to Terahertz (ESIT2024), organized by Shanghai Institute of Technical Physics, Chinese Academy of Sciences; Hangzhou Institute for Advanced Study, University of Chinese Academy of Sciences and Editorial Office of Journal of Infrared and Millimeter Waves, will be held in **Hangzhou, China, from September 20 to 22, 2024**. At that time, well-known experts and scholars from home and abroad will be invited to give academic talks and carry out academic exchanges and discussions.

I. Important Dates

Abstract Submission Deadline--August 15, 2024
Early Bird Registration Deadline-- September 5, 2024
(Online registration and payment required)
Manuscript Submission Deadline-- September 25, 2024

II. Organization

Host:

Shanghai Institute of Technical Physics, Chinese Academy of Sciences

Organizers:

Hangzhou Institute for Advanced Study, UCAS
Editorial Office of Journal of Infrared and Millimeter Waves

III. Committee

General Chairs

Junhao Chu, Shanghai Institute of Technical Physics, Chinese Academy of Sciences、 Hangzhou Institute for Advanced Study, University of Chinese Academy of Sciences & Institute of Optoelectronics, Fudan University
Antoni Rogalski, Military University of Technology

Jiayu Wang, Shanghai Institute of Technical Physics, Chinese Academy of Sciences & Hangzhou Institute for Advanced Study, University of Chinese Academy of Sciences

General Co-Chairs

Lei Ding, Shanghai Institute of Technical Physics, Chinese Academy of Sciences

Long Zhang, Shanghai Institute of Optics and Fine Mechanics & Hangzhou Institute for Advanced Study, University of Chinese Academy of Sciences

Xicheng Zhang, University of Rochester

Rongbin Ji, Kunming Institute of Physics

Manijeh Razeghi, Northwestern University

Tao Wang, North China Institute of Optoelectronics Technology

Shengcai Shi, Purple Mountain Observatory, Chinese Academy of Sciences

Shengli Sun, Shanghai Institute of Technical Physics, Chinese Academy of Sciences

Xiaohua Tong, Tongji University

Executive Chairs

Ning Dai, Hangzhou Institute for Advanced Study, UCAS & Shanghai Institute of Technical Physics, CAS

Weida Hu, Hangzhou Institute for Advanced Study, UCAS & Shanghai Institute of Technical Physics, CAS

IV. Sub-Committee

Topic 1. Infrared frontier physics and devices

Chairs:

Jianxin Chen, Shanghai Institute of Technical Physics, Chinese Academy of Sciences

Zhichuan Niu, Institute of Semiconductors, Chinese Academy of Sciences

Topic 2. Terahertz and Millimeter Waves

Chairs:

Juncheng Cao, Shanghai Institute of Microsystems and Information Technology, Chinese Academy of Sciences

Zhiming Huang, Shanghai Institute of Technical Physics, Chinese Academy of Sciences

Topic 3. Remote Sensing and Space Exploration

Chairs:

Yuwei Chen, FGI, Finnish Geospatial Research Institute, Finland

Zhiping He, Shanghai Institute of Technical Physics, Chinese Academy of Sciences

Topic 4. Digital Earth and Intelligent Cognition

Chairs:

Lizhe Wang, China University of Geosciences (Wuhan)

Guoying Zhao, Center for Machine Vision and Signal Analysis, University of Oulu

V. Topics

Topic 1. Infrared frontier physics and devices

- Topic 2. Terahertz and Millimeter Waves
- Topic 3. Remote Sensing and Space Exploration
- Topic 4. Digital Earth and Intelligent Cognition

VI. Program

Sep. 20	Registration & Workshops
Sep. 21	Opening & Plenary Session
	Technical Sessions
	Poster Session
Sep. 22	Technical Sessions
	Technical Sessions

VII. Contact us

--The Office of the Organizing Committee of ESIT2024:

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Shanghai Institute of Technical Physics, Chinese Academy of Sciences
Hangzhou Institute for Advanced Study, UCAS
Editorial Office of Journal of Infrared and Millimeter Waves

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