

# **International workshop on multiscale laboratory astrophysics with the aid of data science**

This workshop focuses on laboratory astrophysics and related fields using lasers and magnetic devices, especially AI- and data-driven analyses. It is open to everyone interested; please contact the person below.

## **Subject Areas**

AI-based electromagnetic field reconstruction  
Plasma across lab, space and astrophysics  
Compact tokamak project in Taiwan  
Physics-informed neural network  
Laser-driven ion acceleration  
Tokamak diagnostics  
J-KAREN upgrade

## **Date**

**Jan. 7-9. 2026**

## **Place**

Rm 48218, Composite Building  
Institute of Space and Plasma Sciences  
National Cheng Kung University

## **Contact**

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## **Sponsor**

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