



BEYOND VISION
Physics meets AI

BEYOND VISION: PHYSICS MEETS AI

CALL FOR PAPERS

The workshop Beyond Vision: Physics meets AI, to be held within the 22nd International Conference on Image Analysis and Processing (ICIAP 2023), is the first ICIAP workshop dedicated to applications of Statistical Learning methods and Artificial Intelligence techniques to Nuclear Vision and other Physics-based technologies.

Submission Deadline: **10th July, 2023**

TRACKS & TOPICS



Nuclear & other Physics-based Imaging technologies

- ✓ Nuclear Computer Vision for CH
- ✓ Particle Accelerators applications
- ✓ Statistical learning for Astronomy
- ✓ X-ray imaging for Medical Physics
- ✓ AI-enhanced apparatus
- ✓ Tomography for applied physics
- ✓ Multimodal analysis methods



Generative Models & Deep Learning methods for Physics

- ✓ Density estimation
- ✓ Anomaly detection
- ✓ Physics-informed systems
- ✓ Fast detector simulation
- ✓ Synthetic data augmentation
- ✓ Other SOTA methods for Physics

IMPORTANT DATES

1. 10TH JULY, 2023
Paper Submission
2. 31ST JULY, 2023
1° Round decision
3. 20TH AUGUST, 2023
Final submission
4. 11TH-15TH SEPTEMBER, 2023
ICIAP23 Conference

Info & Submission

physicsmeetsai.github.io/beyond-vision/

The workshop's reviewing of submissions will be double-blind. Accepted submissions will be presented either as oral presentation or posters at the workshop, and will be published by Springer as Lecture Notes in Computer Science series (LNCS), in the ICIAP 2023 Workshops volume.

cmt3.research.microsoft.com/BVPAI2023

ICIAP REGISTRATION FEES

Full Conference	€600
Only Workshop	€450

Contact Us

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