

MICCAI 2023 *Vancouver* CANADA

26TH INTERNATIONAL CONFERENCE ON
MEDICAL IMAGE COMPUTING AND
COMPUTER ASSISTED INTERVENTION
8-12 OCTOBER 2023
VANCOUVER CONVENTION CENTRE
VANCOUVER / CANADA

CALL FOR PAPERS

MICCAI is the premier international conference in Medical Image Computing and Computer-Assisted Intervention and attracts world leading biomedical scientists, engineers, and clinicians from a wide range of disciplines. This edition of the conference will be emphasizing the move of MIC and CAI research from theory to practice by featuring a clinical translation session reflecting the real-world impact of the field in clinical workflows and clinical evaluations.

MICCAI 2023 will be held as a hybrid event with an emphasis on in-person participation in Vancouver.



MICCAI 2023

Vancouver
CANADA



Topics of interest include:

- Advances in Machine Learning Theory for Imaging
- Automated image labeling
- Multimodal fusion across biomedical scales
- Computational Pathology
- Computer Aided Diagnosis
- Multimodal Biomarkers and Imaging Genetics
- Image Reconstruction
- Image Registration
- Image Segmentation
- Imaging-related clinical studies*
- Evaluations in clinical workflows*
- Treatment response and outcome prediction
- Image-Guided Interventions
- AI-assisted interventional imaging
- Robot-Assisted Surgery
- Surgical Data Science
- Surgical Skill and Workflow Analysis
- Mixed, Augmented and Virtual Reality
- Visualization in Biomedical Imaging
- Biomedical Applications

**Will be evaluated by clinical chairs*

Submission Deadlines:

Challenges: Dec 9, 2022
Workshops: Dec. 20, 2022
Tutorials: Jan. 15, 2023
Main Conference: March 9, 2023



General Chairs:

James Duncan
Russ Taylor
Tanveer Syeda-Mahmood

Program Chairs:

Hayit Greenspan
Anant Madabhushi
Parvin Mousavi
Tim Salcudean

Satellite Events:

Bennet Landman

Local Arrangements:

Purang Abolmaesumi

Clinical Chairs:

Charles Kahn
Curtis Langlotz

Industrial Chairs:

Ragini Varma

