

SIMBio 2026



భారతీయ సాంకేతిక విజ్ఞాన సంస్థ హైదరాబాద్
भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

Hosted by
Department of Biotechnology

International Conference cum Workshop on Single-Molecule Biophysics

In association with
DBT-SAHAJ National Facility, IIT Hyderabad
Nikon Centre of Excellence, IIT Hyderabad
India Biolmaging, Fluorescence Society

The International Conference cum Workshop on Single-Molecule Biophysics (SimBio2026) brings together leading scientists and innovators to explore cutting-edge advances in single-molecule biophysics.

This five-day event features expert talks and poster sessions, followed by a hands-on workshop on STORM/PALM/DNA PAINT, smFRET, live-cell single-molecule tracking, and smFISH.

WORKSHOP SCHEDULE

Venue BTBM Building and RCC Building

Dates 22nd - 23rd January



THURSDAY

DAY 4, 22nd January

10:00 B

Workshop 1: SMT

Gunjan Mehta, Nitin Mohan
ONI NanoImager, USA;
JICA Facility, Room BT119,
BTBM Building, 1st floor

R

Workshop 2: STORM/DNA-PAINT

Mahipal Ganji
Nikon N-STORM Imaging system, Japan;
DBT-SAHAJ facility, Room D105,
RCC Building, 1st floor

B

Workshop 3: smFISH

Partha Dey, Farhan Anjum
Leica DMI8 infinity TIRF microscope, Germany;
JICA Facility, Room BT119,
BTBM Building, 1st floor

Lunch, 13:00

14:30 R

Workshop 4: smFRET

Abhishek Mazumder, Padmaja Mishra
Nikon N-STORM Imaging system with TIRF, Japan;
DBT-SAHAJ facility, Room D105,
RCC Building, 1st floor

B

Workshop 5: FLIM

Sebastian Raja
Leica Stellaris FALCON with WLL Supercontinuum
pulse laser, Germany;
JICA Facility, Room BT119,
BTBM Building, 1st floor

R

Workshop 6: High Content Imaging

Venkatesh Voleti
Yokogawa High Content Imaging System, Japan;
SATHI-CISCoM Center,
RCC Building, 1st floor

Dinner, 19:00

FRIDAY

DAY 5, 23rd January

10:00 R

Workshop 4: smFRET

Abhishek Mazumder, Padmaja Mishra
Nikon N-STORM Imaging system with TIRF, Japan;
DBT-SAHAJ facility, Room D105,
RCC Building, 1st floor

B

Workshop 5: FLIM

Sebastian Raja
Leica Stellaris FALCON with WLL Supercontinuum
pulse laser, Germany;
JICA Facility, Room BT119,
BTBM Building, 1st floor

R

Workshop 6: High Content Imaging

Venkatesh Voleti
Yokogawa High Content Imaging System, Japan;
SATHI-CISCoM Center,
RCC Building, 1st floor

Lunch, 13:00

14:30 B

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BTBM Building, 1st floor

Dinner, 19:00

WORKSHOPS



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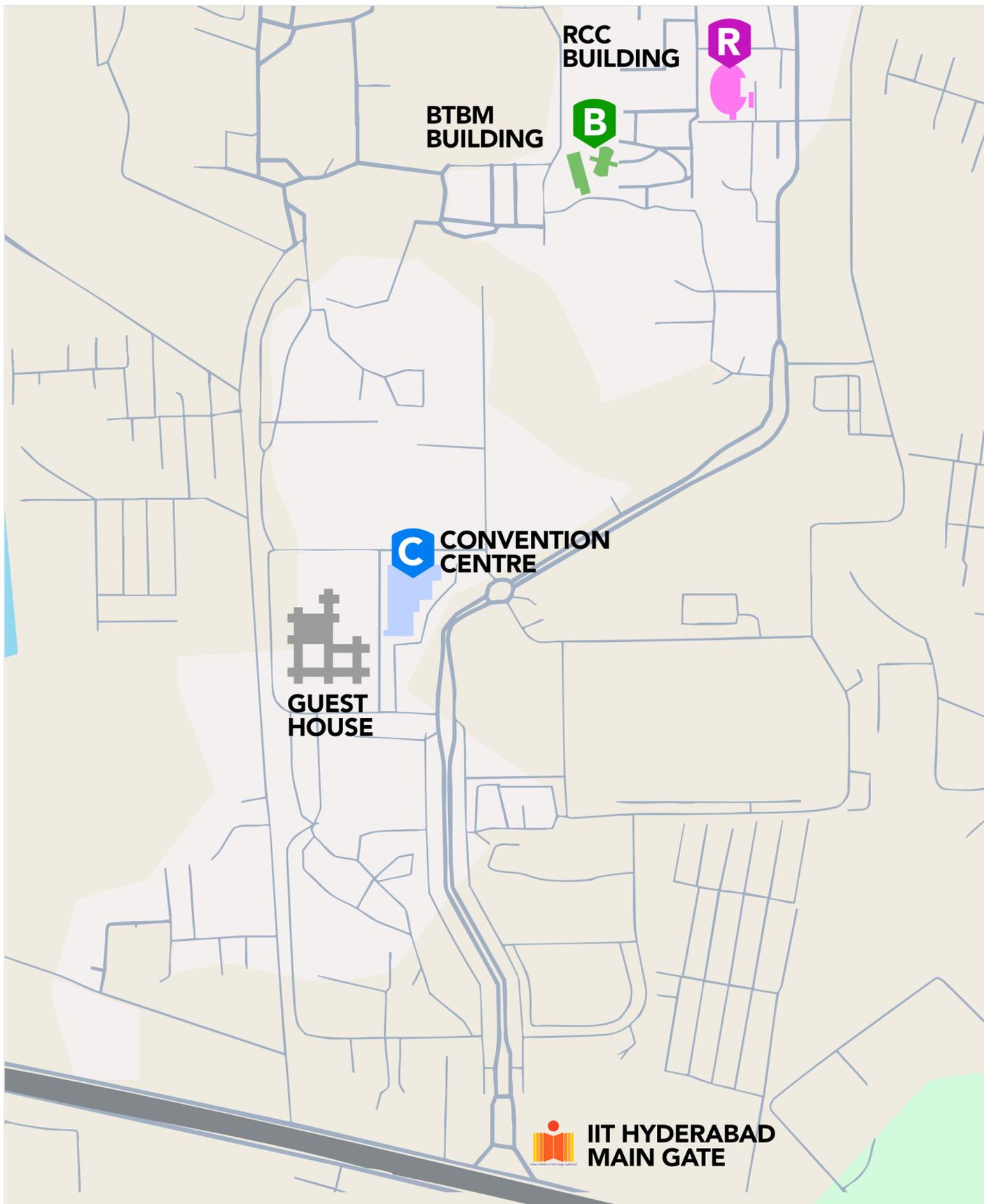
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SimBio 2026



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