



International Centre
for Theoretical Physics
South American Institute
for Fundamental Research



2026 APS-SAIIR SATELLITE GLOBAL PHYSICS SUMMIT MEETING



March 16, 2026

Auditorium of IFT-UNESP and Denver APS conference center

INVITED SPEAKERS

Orit Peleg (University of Colorado, USA)

Where physics meets behavior in animal groups

Pablo de Castro (University of São Paulo, Brazil)

Collective dynamics of self-propelled agents inspired by quorum-sensing bacteria and tissue cells

Andrea J. Liu (University of Pennsylvania, USA)

Tunable matter as a unifying paradigm for biological function

Alexandre Ramos (University of São Paulo, Brazil)

Characterizing the regulatory logic of transcriptional control at the DNA sequence level by ensembles of thermodynamic models

To extend the reach and diversity of its annual meetings, the American Physical Society has developed a pilot program of APS Satellite Meetings with the participation of ICTP-SAIIR in Latin America. As part of the APS Global Physics Summit from March 15-20, 2026, ICTP-SAIIR is organizing on March 16 (Monday) a 2-hour Satellite Session on Biological Physics that will be broadcast live to all participants of the APS Meeting, as well as a 2-hour session on Biological Physics for student/postdoc presentations to a local audience.

Graduate students and postdocs can apply until March 5, 2026 to present a short talk or poster at the student-postdoc session on Biological Physics.

The 2-hour satellite session chaired by William Bialek (Princeton U.) from 13:30-15:30 on March 16 will be held both in the IFT-UNESP auditorium and in the Denver APS conference center as a joint hybrid activity. The student/postdoc presentations chaired by Pablo de Castro (ICTP-SAIIR/USP) will be from 16:00-18:00 in the IFT-UNESP auditorium. The complete schedule of sessions of the APS Global Physics Summit can be found on the APS Global Physics Summit webpage.

There is no registration fee for participation in the APS-SAIIR Satellite Meeting.

**Application deadline for students/
postdocs to present short talk or poster:
March 5, 2026**

**More information:
ictp-saifr.org/apssgpps2026**



ORGANIZERS

Nathan Berkovits

(ICTP-SAIIR/IFT-UNESP)

William Bialek

(Princeton University)

Pablo de Castro

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