

# APS/ICTP-SAIFR SATELLITE MARCH MEETING

**March 5, 2024**

**at Instituto de Física Teórica - UNESP, Brazil**

## INVITED SPEAKERS FOR SATELLITE SESSION ON COMPLEX SYSTEMS

**Marcus Aguiar** (UNICAMP)

*Generalized frustration in multi-dimensional Kuramoto models*

**Hilda Cerdeira** (ICTP-SAIFR/IFT-UNESP)

*Phase Transitions in Swarmalators*

**Pablo de Castro** (ICTP-SAIFR/IFT-UNESP)

*Random searches with chemotaxis: Optimal strategy transitions induced by target scent*

**Silvio Salinas** (USP)

*Modulated structures in a nematic model with chiral interactions*

**Alexandre Souto Martinez** (USP, Ribeirão Preto)

*Solutions of simple systems of the deformed quantum mechanics based on a new extended uncertainty principle*

**Maurice de Koning** (UNICAMP)

*Phase transitions involving superionic ice XVIII*



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-SAIFR in Latin America. As part of the APS March Meeting from March 3-8, 2024, ICTP-SAIFR is organizing on March 5 (Tuesday) a 2-hour Satellite Session on Complex Systems that will be broadcast live to all participants of the APS March Meeting, as well as a session on Complex Systems for student/postdoc presentations. Graduate students and postdocs can apply until February 3, 2024 to give oral presentations or posters at the student-postdoc session on complex systems.

The activities on March 5 will be held in-person in the IFT-UNESP auditorium from 2:30 PM to 7:00 PM. By filling out the application form, registered participants can also request to attend other online sessions of the APS March Meeting without paying a registration fee. The complete schedule of online sessions of the APS March Meeting can be found on the APS March Meeting 2024 webpage.

There is no registration fee.

**Application deadline for talk/poster:  
February 10, 2024**

**Registration deadline:  
February 24, 2024**

**Online registration and more information:  
[www.ictp-saifr.org/apsmarch2024](http://www.ictp-saifr.org/apsmarch2024)**

## ORGANIZERS

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