



## SEMANA DEL DOCTORADO UAM

26 – 30 Mayo de 2026

### PROGRAMA DE DOCTORADO EN ASTROFÍSICA

27 DE MAYO 2026

**Sala de Seminarios Modulo 15, Facultad de Ciencias**

15:00 to 19:00 hours.

Zoom link:

<https://us02web.zoom.us/j/88990680064?pwd=4QEixebgovAZxgs4aNmMmVmQ2Nl0sXf.1>

#### LISTA DE CHARLAS:

1. *"Precise Deep-Learning Reconstruction of Galaxy Cluster Mass Maps and Substructures from Optical Observations."* **Atulit Srivastava** UAM 15:00
2. *" JWST observations in the Galactic center".*, **Alexander Legault** CAB 15:30
3. *"Localized Detection of Baryon Acoustic Oscillation Shells in DESI DR1"* **Edward Olex** UAM [16:00](#)
4. *"Stellar atmospheric parameter estimation using optical–infrared photometry. Case J-PLUS+2MASS"* **John Fabio Aguilar**, CAB 16:30

#### COFFEE BREAK 17:00-17:30

5. *"Optimizing the U-Net model for the Cosmological Inference of the initial conditions of the universe."*. **Andrés Felipe Caro** UAM 17:30
6. *"Massive Stars in the Cosmic Noon"* . **Jesús Gómez Mantecón** CAB 18:00
7. *"A study of open cluster at different stages"* **Franciso J. Galindo Guil** CAB 18:30

END OF SESSION.