

SF feedback: triggering and outcome at galactic scales

Objective

Massive Star Formation and its feedback is the central issue of the workshop. We aim for discussions on data, models and various scenarios, profiting from our complementary expertise.

The Meeting is organized by the *ESTALLIDOS* collaboration and will be held in Tenerife hosted by the IAC. Our main objectives are:

1. To understand the premises and treatment of negative SF feedback employed in cosmological models of the formation and evolution of galaxies.
2. Present and discuss the positive SF feedback model. Genesis, advances, observations and predictions.
3. To be aware of the most updated observational results concerning starbursts at different z and their physical conditions. Discussion on the possible triggering mechanisms.
4. To be able to define (common) strategies for theory and observations.

AGENDA

Sessions will be from Monday till Friday starting at 9.30 am and finishing at 1.00 with half and hour break. On Thursday the meeting will take place in the afternoon at 4pm.

More specific discussion meetings will be organized on Tuesday and Wednesday afternoon from 3:00 to 6:00 pm.

- Welcome and some baselines- 9.30 Monday: Casiana and Guillermo.
- Objective 1 will be the topic of Monday and the speakers will be: Claudio dalla Vecchia, Daniel Ceverino and Bruce Elmegreen. A discussion section of the treatment of the SF feedback in the cosmological models will be held during the morning.// chair: Jose Miguel RE.
- Objective 2 will be discussed on Tuesday and Wednesday. And the speakers will be : Guillermo Tenorio Tagle, Richard Wunsch, Jan Palous, Alejandro Vazdekis, Ignacio Martín-Navarro(Tuesday) and Sergiy Silich , Sergio Martinez, Mike Beasley and Jose Miguel Rodriguez Espinosa (Wednesday). //chairs: Mercedes Fihlo and Pepe Vilchez .

- Objective 3 will be discussed on Thursday afternoon and the speakers will be: Debra Elmegreen, Mercedes Filho, Rosa Calvi, Rodrigo Hinojosa and Jorge Sanchez Almeida- // chair: Jan Palous. This session may extend to Friday morning.
- Last day of the meeting- Friday- we will center on Objective 4 and try to get to common actions. Friday morning will be organized by Debra and Casiana. Summary and plans for the future will be proposed by Bruce and Guillermo.

Specific discussions.

A guideline for the more specific discussion on Tuesday, and Wednesday afternoon are the following:

- Tuesday afternoon: Positive feedback ...what is next ?. Predictions and observables to go further. Discussion led by Guillermo and Casiana.
- Wednesday afternoon: meeting the very detailed hydro simulations and the cosmological models. Discussion led by Claudio and Sergiy.

More things

1. The meeting will be held at “Sala Pléyades” at the IAC. For the information on the precise location in the building please contact the person in the entrance desk at the IAC.
2. There are two kind of talks. The long ones are up to one hour and the short ones are about 30 minutes length.
3. At least half an hour discussion is left in between talks.
4. We need a summary of your presentation (one - two pages) and the ppt to distribute among us before the end of the meeting.
5. Remind us to take a Photo of all of us.
6. On Monday and Friday we will organize a common lunch at La Laguna (prices about 12 euros).
7. During our meeting there are more events at the IAC and our cafeteria will be too crowded. Claudio, Guillermo and Jose Miguel will help you to find lunch places nearby.
8. On Friday evening (at 6:00 pm) we will have a guided tour to “el Museo de Historia y Antropologia (MHAT)” in La Laguna .
9. On Saturday we will organize a day off at el “Parque Natural de Anaga”. Don't forget to bring with you some comfortable shoes.

PARTICIPANTS (in chaotic order):

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THANKS and see you soon

We thank to all of you for coming!!.

We are completely sure that the meeting will be enjoyable, productive and will take us to jointly undertake important projects. In this hope we have organized it.

Looking forward to seeing you here. Have a nice trip.

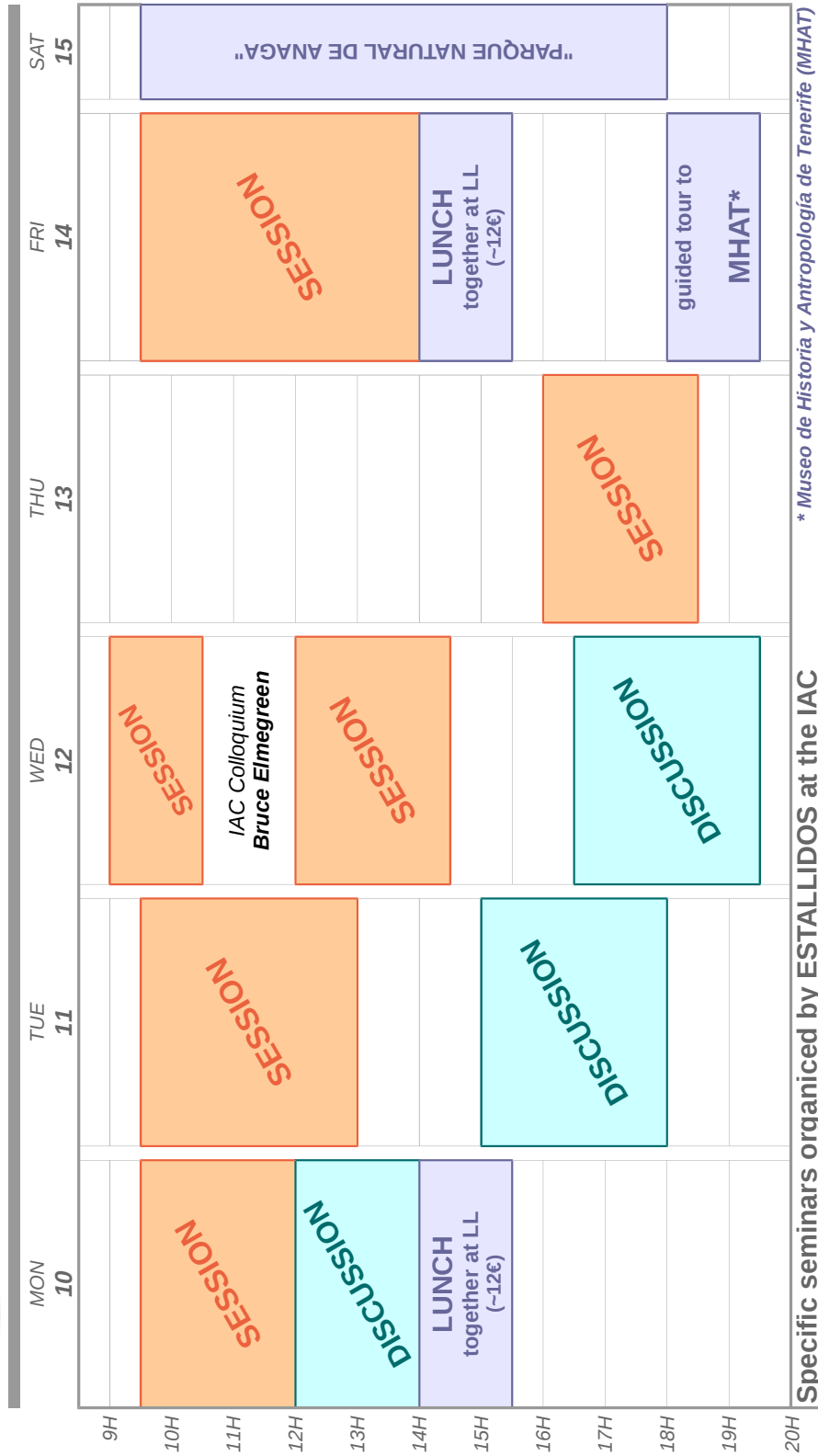
Guillermo and Casiana
Organizers



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 10-14 nov, 2015



Sala Pléyades @ IAC



Specific seminars organized by ESTALLIDOS at the IAC

* Museo de Historia y Antropología de Tenerife (MHAT)