

Galaxy evolution discussion circle

Practical organisation of last year

- Organizers: Olivier Ilbert & Jean-Claude Bouret
- Meet every week
- Monday at 2pm in the Mistral room
- 45 people subscribed to the list mailto:sympa@lam.fr?subject=sub%20geco_galev%20
- ~10-15 persons participate every week
- Organiser pick up (almost) randomly 2 speakers per week within the mailing list.

Content

Scientific contour:

as long as the goal is to understand the galaxy evolution and formation, understand feedback, it could be discussed in this circle

Format:

- published paper, or astro-ph: at minimum, one paper has always been discussed. Often two. Could be a recent one or an old paper.
- one plot: someone presents one or few figures from its own work (or collaborators) and we discuss it. It provides feedback and trigger useful scientific discussion between us. No need to prepare anything.
- one topic: extensive discussion on one topic, technical (e.g. SED fitting, reconstruction of the cosmic web, ...) or scientific (e.g. SFR, primordial galaxies, ...) ➤ we did it only once with JWST

Highlights

Everybody played the game !

Many topics

Several talks on infrared, gas, SFR

- The FIR risers by Darko
- A blackboard explanation by Matthieu

Some astro-ph on most extreme objects

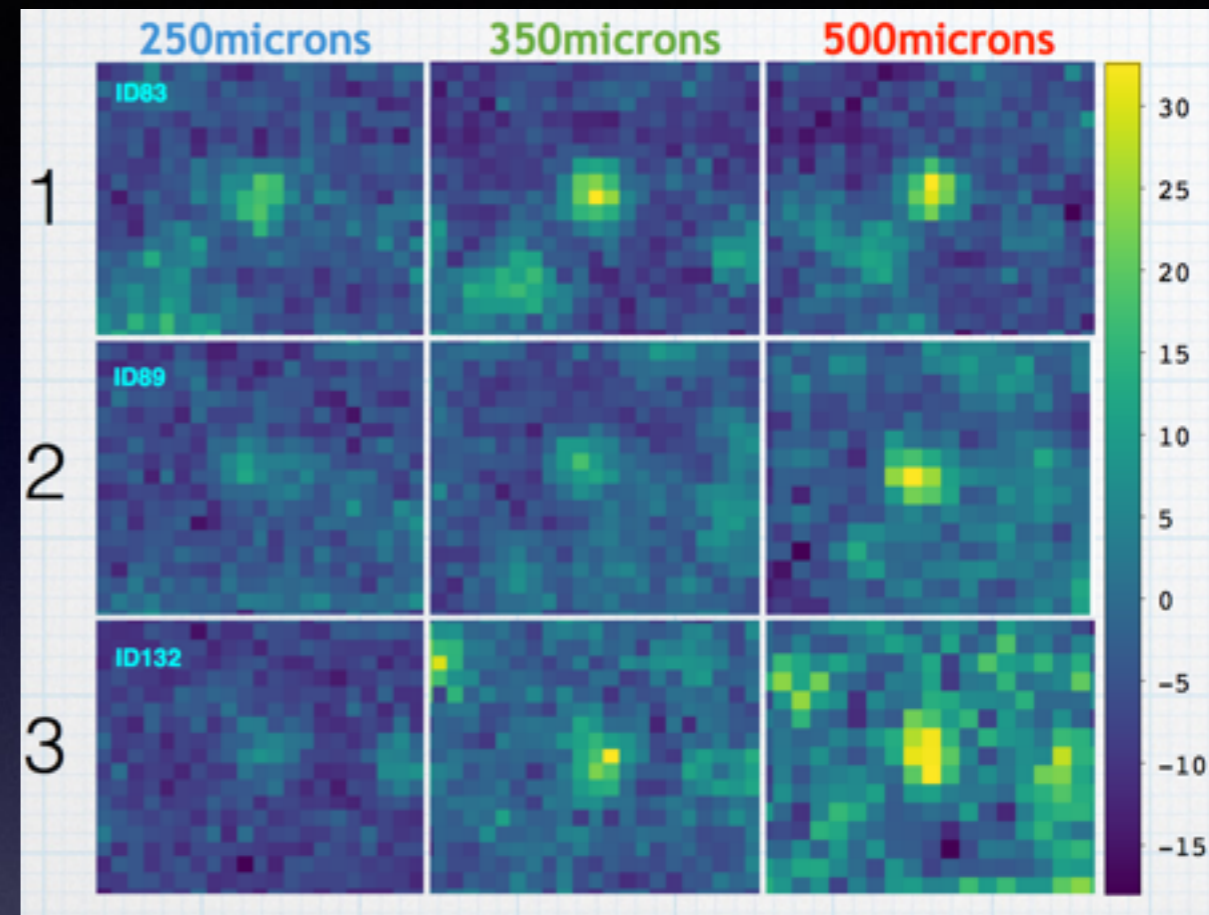
- GRB (David)
- high-z QSO (Sarah)

Some talks on the Ultra Diffuse galaxies and the Dargonfly camera (Gregor and Sam)

Updates on future instruments

- SKA (Albert)
- JWST (Olivier)

Some update on general questions as the dark matter detection (Emanuel)



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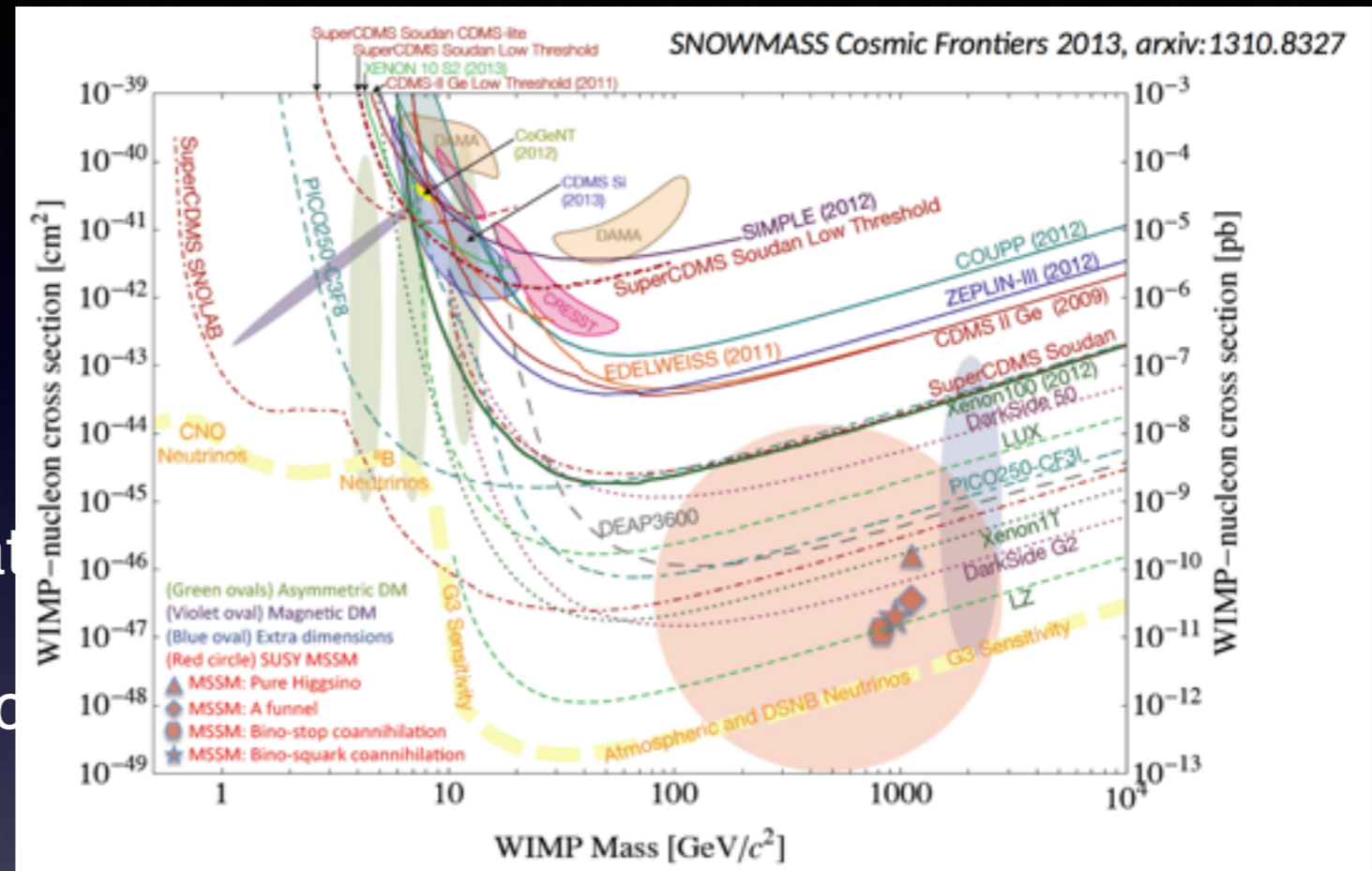
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Next year

- It should restart next week
- Matthieu Bethermin and Jean-Claude Bouret take it in charge for next year.

A new format for the circle?

This is a suggested new format for the circle. Nothing is set and your feedback will be really useful to build dynamical meetings.

We propose:

- Alternance between short and long format sessions
- Student and younger postdoc in priority for short formats (15 min per speaker, 2 speakers per session)
- Long review-oriented or project oriented format (30 min, 1 speaker per session) lead by more experimented postdocs and permanent researchers
- postdocs can decide by themselves in which category of talks they belong
- students feeling ready to do a review are welcome

Short format

- The two speakers will be selected randomly to establish a rotation
- As before, speakers are responsible to find someone to replace them, when they are not available
- The speakers can choose between various formats (not decided yet, feedback welcome!). Here is a couple of suggested format:
 - * presentation of a recent paper
 - * presentation of your own on-going works
 - * other?
- To maximize interactions/discussions, the format will be 3 slides, 3 plots (if possible no text) + whiteboard (if needed not mandatory)
- The goal is to provide student/postdoc regular feedback from the group

Long format

- a schedule will be built well in advance consulting the speakers
- white-board explanations or formal presentation (choice of the speaker)
- Focused on a science/technical broad topic OR a project (e.g., SFR measurements, photo-z, gas in galaxies, JWST, near-IR spectroscopy, Euclid, environment effects, ATHENA, mass functions)
- one talk per 1-2 yr per person => GOAL: less talks but higher quality
- possibility that 2 speakers share a review, when relevant