

GECO day

General Meeting – Sept 2017



- We are GECO
- Some information concerning the WIKI
- Budget point
- Today's agenda

We are GECO



We are GECO



geco team





geco team



Présentation - GECO - Inria

<https://www.inria.fr/equipes/geco> ▼

La thématique de recherche de **GECO** est le contrôle géométrique. L'accent est mis sur la planification des trajectoires et sur les applications aux systèmes ...

Inria team GeCo - Ecole polytechnique

www.cmap.polytechnique.fr/~sigalotti/geco/geco.html ▼ [Traduire cette page](#)

The main research topic of **GECO** is geometric control, with a special focus on control design and on applications to quantum systems, neurophysiology and ...

ProGECO moto - La première moto homocinétique au monde !

www.progecomoto.fr/ ▼

20 mai 2017 - Olivier Wagner avait fait le déplacement au Castellet pour la reprise des roulages du **GECO** et, en attendant le débriefing d'Eric Offenstadt, ...

geco - GECO

<https://wiki.lam.fr/geco> ▼ [Traduire cette page](#)

28 août 2017 - The Galaxies, Etoiles et Cosmologie (**GECO**; Galaxies, Stars, and Cosmology) ... positions, conf/workshop registrations (pertinent to the **team**).

- Galaxies, Etoiles et Cosmologie
Galaxies, stars and cosmology.
- 40 staff (long term visitor)
 - Latest : M. Bethermin,
D. Porquet, N. Grosso
- 7 post-docs
- 21 PhD students
 - Some PhD defense soon !
 - And some new arrival soon
- ~ 20 nationalities
- Guess what are these numbers :
25 % ; 14 % ; 42 %

1

First light: reionization, search for high-z galaxies/qso (narrow band, deep surveys, lensed, hosts of Gamma Ray Bursts)

2

Transients & massive stars: Observations of O and population III stars, supernovae models, Gamma Ray Bursts

3

Cosmology & Dark Sector: Dark Matter distribution and nature, Dark Energy, cosmological model

4

IGM/CGM: QSO absorbers, chemical evolution, Inflows, Outflows, BAOs

5

Statistical studies of clusters: lensing effects, Dark Matter mapping, cluster abundance

6

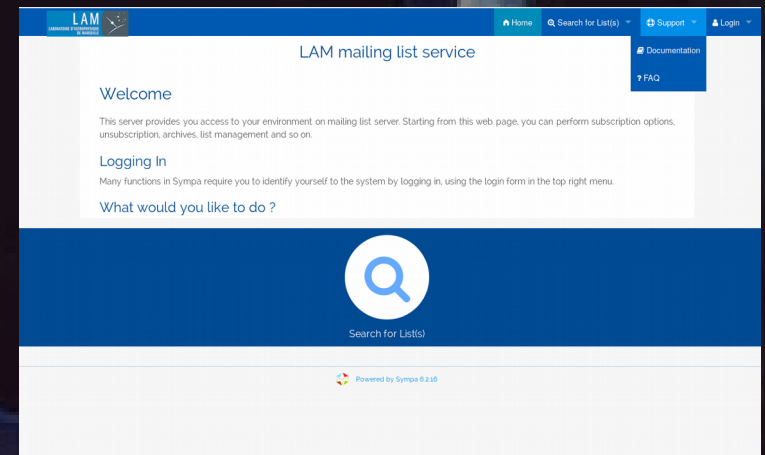
Statistical studies of galaxies: cosmic evolution, star formation rate, stellar mass assembly, kinematics, dust

7

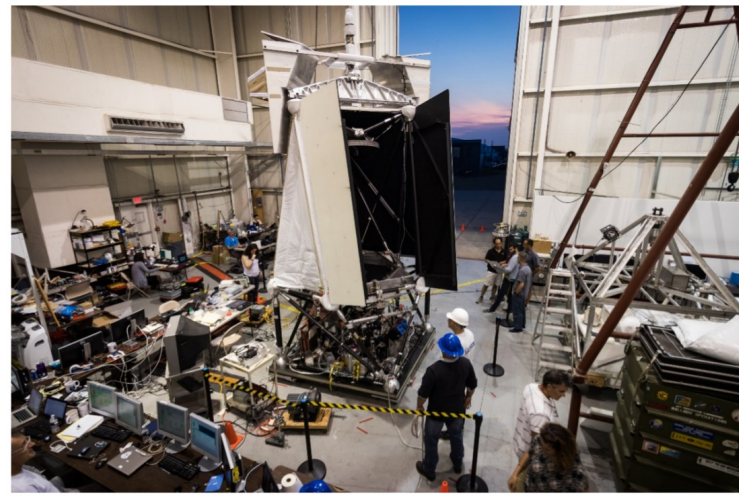
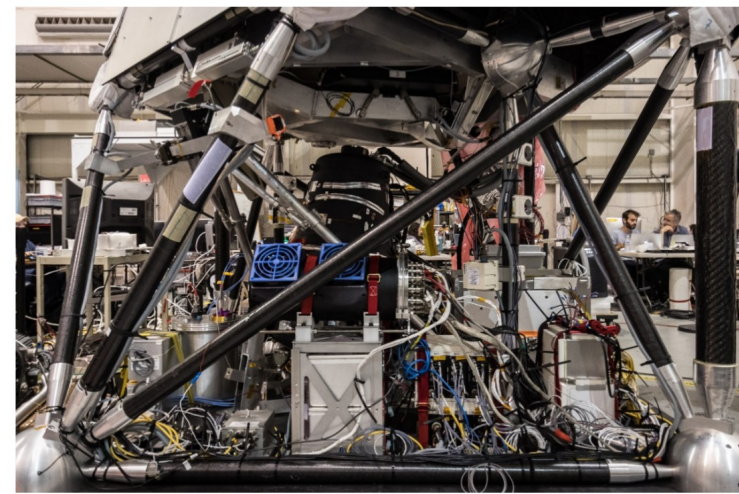
Detailed studies of galaxies: star formation, dust, ISM, environmental effects, models of bars and mergers

- 5.5 circles
 - Transient
 - Galaxy Evolution (& Feedback)
 - Cosmology
 - Dark Matter
 - Clusters
 - *IGM/CGM*

– *mailing lists : sympa.lam.fr*



- About 37 participants today
- Fireball members not here
 - See « report » forwarded by D. Le Mignant
 - Flight around the 15 !
 - Timelapse
 - <https://youtu.be/EdQKy240Pms>
 - Live
 - <http://www.ustream.tv/channel/nasa-educational>



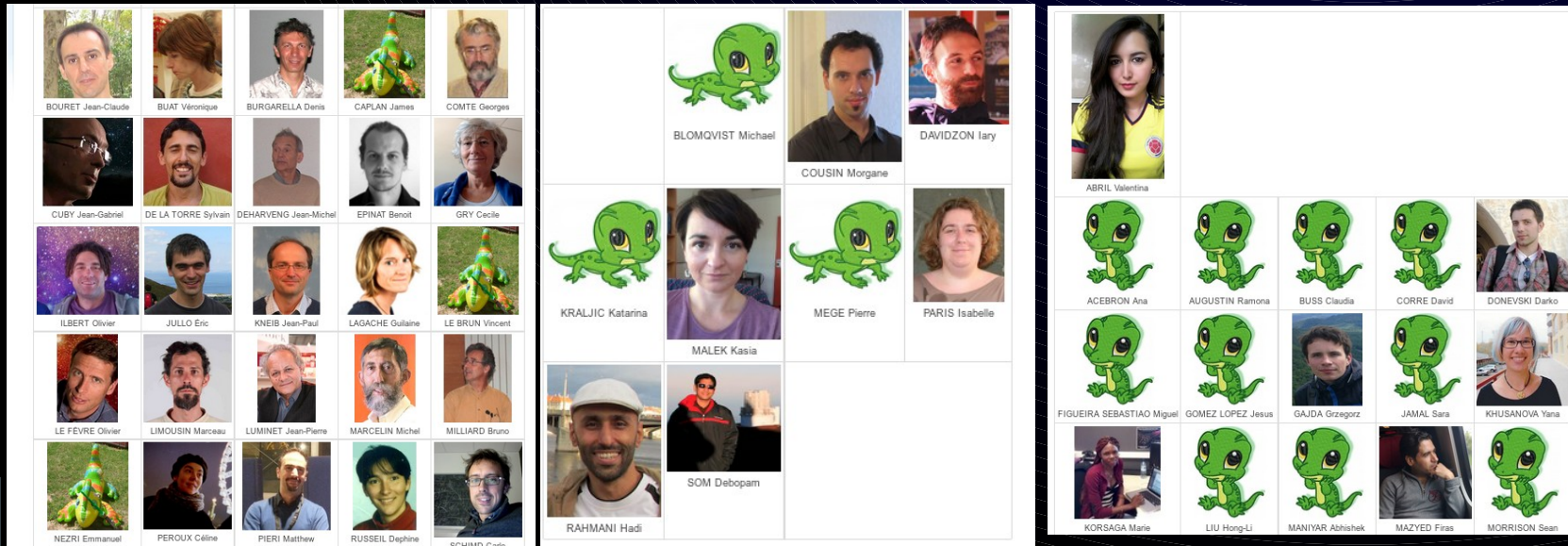
- Connection :

The wiki.lam.fr/geco

- Your login is FirstnameFamilyname
- You have to create your account on first use

- Lots of information

- General information, practical tips
- Circles : update your plot / papers / etc
- Forms to fill (Demande de mission, Etat de frais)
- List of members AND TROMBINOSCOPE !



- Note :
there is no description of our « themes » of research on the web or the wiki.



Welcome to the pages of the GECO group

The *Galaxies, Etoiles et Cosmologie* (GECO; *Galaxies, Stars, and Cosmology*) group covers a wide range of topics going from particular it covers the study of:

- the interstellar and intergalactic media,
- the different phases of the formation of stars,
- the physical processes involved in the formation and the evolution of galaxies and their environment,
- the dynamics of galaxies,
- the large-scale structure of the Universe,
- the dark matter properties,
- the cosmological model.

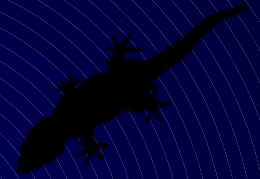
People:

- [Members](#) of the group
- [Visitors](#) to the group
- [Internships](#) in the group

- Dotation : about 53 600 (+500 ED)
- Currently : ~ 28.000
- Still to pay :
 - Geco-day
 - Thesis (missions jury)
 - Computers (many arrivals)
 - Chairs (!) + pens
- Missions :
 - Fill the form before leaving
 - keep all receipts for AMU (and soon for CNRS) ... :-)
 - No air bnb...

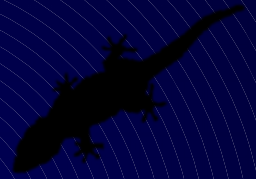
- 9:30 Introduction
- 9:45 Flash presentations (Max : 3 slides/5min):
- 10:25 Break
- 10:45 Feedback/highlights from the circles (15 min each):
transients, cosmology, dark matter, clusters, galaxy evolution
- 12:00 Discussion on the cycle of conference (Le Brun)
- 12:10 General discussion on the team animation
- 12:30 LUNCH
- 13:40 Projects (max: 15 min + 5 min discussion each)
 - 13:40 DESI, PFS, Euclid
 - 14:40 Luvoir, Athena
 - 15:20 Break
 - 15:40 Mosaic, Harmoni
- 16:20 Final remarks

Thank you to everyone for
registering in time



Thank you to everyone for
sending your pdf in advance

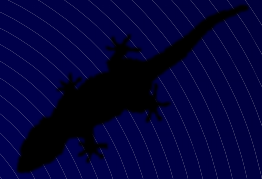
Thank you to **almost** everyone
for registering in time



Thank you to **11/23 persons**
~~**everyone**~~ for sending your pdf in
advance



GECO
day



Thank you for your
active participation
in this friendly meeting