



# *MAPHiTS: an efficient workflow for SNP detection*

## Computer Demo



BRAS Marc  
PAG XX - San Diego, CA, USA  
January 18, 2012

ALIMENTATION  
AGRICULTURE  
ENVIRONNEMENT



# Summary

URGI team develops a **pipeline** (*MAPHiTS*) for **SNP detection** from short reads.

## **Features:**

- Robuste but flexible
- Easy to upgrade
- User-friendly interface (for biologists)

It's fully integrated in **Galaxy**.

# Installation of URGI Galaxy

**Galaxy is installed on URGI cluster with:**

- CPU: **704** (Intel Xeon)
- RAM max: **96 Gb** per job
- Storage: **60 Tb**



Using Sun Grid Engine (for job management) and a PostgreSQL Database (for Galaxy).

# Computer Demo





# Using MAPHiTS ?

Please contact us:

***[urg-contact@versailles.inra.fr](mailto:urg-contact@versailles.inra.fr)***

**URGI**  
**TEAM**



 **Galaxy**

***Thanks !!***

***[urg-contact@versailles.inra.fr](mailto:urg-contact@versailles.inra.fr)***

