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ALECSO WORKSHOP

CONTENT

- ▶ This document is about CIRRRUS (the common hat of USPC digital projects)
- ▶ Other documents:
 - ▶ General introduction to Imageries du vivant (IDV) project;
 - ▶ How to use the annotation platform;
 - ▶ Livre blanc (V2);
 - ▶ IDV Poster.
- ▶ Do not forget: <http://lipn.univ-paris13.fr/~cerin/sc2iovsoca2018.html>

CIRRUS

- ▶ Federation of 3 platforms (2 clusters + 1 cloud : CUMULUS - Paris 5)
- ▶ Clusters MAGI (Paris 13) and S-CAPAD (IPGP)
- ▶ MAGI: 2100 cores + 300TB of storage
- ▶ not officially part of CIRRUS: DANTE (APC/IPGP). See https://indico.in2p3.fr/event/16608/contributions/57248/attachments/45212/56208/FACe_CS_APC_17.pdf

CIRRUS & MAGI

▶ CIRRUS:

- ▶ Investments: 1M€ by USPC + 1M€ by « universities » ; 600 researchers use the platform ; More than 250 ongoing projects in various disciplines ; More than 250 identified publications using the platform
- ▶ A support engineer has been recruited for the portal
- ▶ CIRRUS evaluation done by HCERES in June 2018
- ▶ Oct 2018: A consensus has emerged for CIRRUS to test the new platform support procedure that is being developed => sustainable economic model

▶ MAGI (ongoing projects):

- ▶ Publications: <http://www.univ-paris13.fr/calcul/wiki/index.php?title=Misc:Publications>
- ▶ Dedicated node for interactive computing
- ▶ RosettaHub « mode / Interface »
- ▶ Demands for NVIDIA hardware... but different needs (High Performance Computing / Machine Learning)

OPEN TO EVERYONE

[HTTP://CIRRUS.USPC.FR](http://cirrus.uspc.fr)