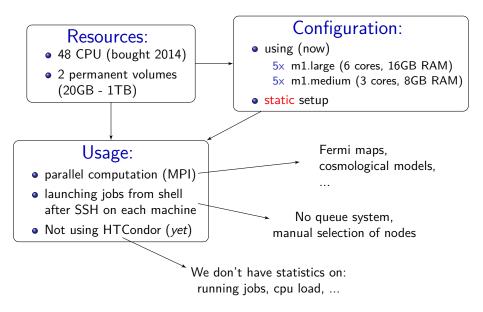
## GR4 (TASP) report

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### Our setup



## (Incomplete) list of papers for which we used the cloud

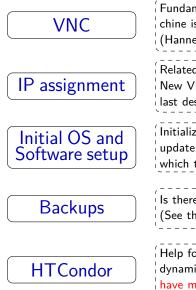
- H.-S. Zechlin, A. Cuoco, F. Donato, N. Fornengo, M. Regis.
   "Statistical Measurement of the Gamma-ray Source-count Distribution as a Function of Energy". (2016).
   arXiv: 1605.04256 [astro-ph.HE].

- R. Murgia, S. Gariazzo, N. Fornengo.
  "Constraints on the Coupling between Dark Energy and Dark Matter from CMB data".
  JCAP 1604 (2016), p. 014.
  arXiv: 1602.01765 [astro-ph.CO].
- H.-S. Zechlin, A. Cuoco, F. Donato, N. Fornengo, A. Vittino. "Unveiling the Gamma-ray Source Count Distribution below the Fermi Detection Limit with Photon Statistics". (2015). arXiv: 1512.07190 [astro-ph.HE].

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    S. Gariazzo, C. Giunti, M. Laveder.
    "Light Sterile Neutrinos and Inflationary Freedom".
JCAP 1504 (2015), p. 023.
arXiv: 1412.7405 [astro-ph.CO].
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"...and many more." (2014–2015).
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# Problems/Suggestions/Questions



Fundamental to understand what's going on if the machine is not working, not accessible from one-master (Hannes): unauthorized IP?

Related to euca-\* commands. New VMs (sometimes) are created with the IP of the last destroyed VM, instead of with the first free one.

Initialize a machine takes time because of the software update... Is it possible to "update" the image from which the machine is created?

Is there a backup system for the permanent disks? (See the recent problems with the web pages)

Help for installing HTCondor and making the setup dynamic (and release unneeded VMs)? Possibility to have more cores if the cloud is not fully used?