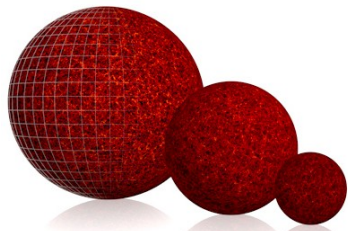


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“tweets”



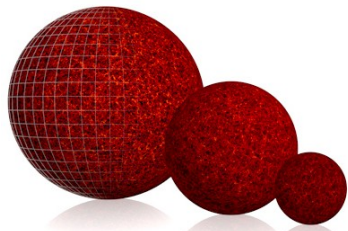
- We have less requirements than the industry (cloud providers). so....  
Should we stop developing our own solutions ?



## “tweets”



- I think if there is something that Amazon, Google and Dropbox do really differently from grid people, it is that they try to fulfill the basic requirement of being liked by the users (e.g. by prioritizing convenience of use). One should think about grid more as of something to be sold to the users



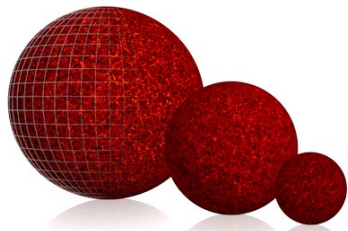
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“tweets”



- The next generation experiments are planned for 2015-2020, with less data/computing requirement than LHC. so...

Will the Moore law solve our infrastructure problems ?

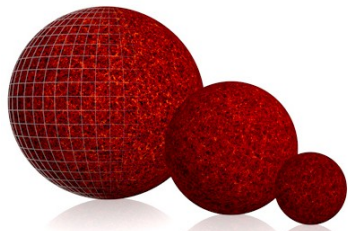


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“tweets”



- The Golden age of computing is over. Moore's law is DEAD!

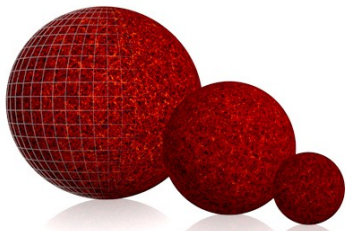


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“tweets”



- Keep it flexible for future developments



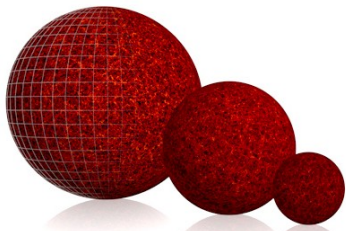
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# Manuel's notes



Is LHC high-speed networking paid by LHC ?  
(No)

How can other communities benefit from  
“LHC networking”



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# Manuel's notes

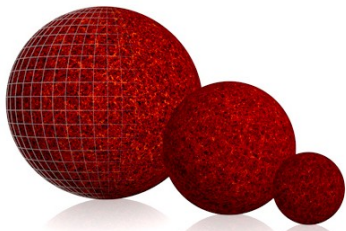


We need to think “post-LHC”

What is being supported is LHC !

There is no “one Grid”

“THE Grid” vs “a Grid for My Project”



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# Manuel's notes



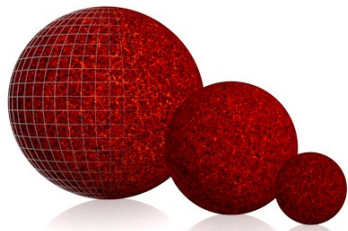
Classification of:

Types of jobs  
Types of data  
Types of “users”

Template for gathering information

“Converge” to some commonalities





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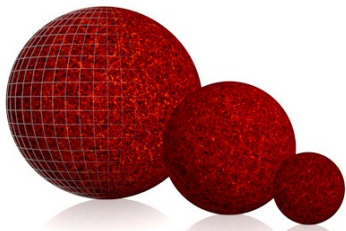
# Manuel's notes



What are the real costs of research computing ?

How do they compare to commercial ?

Should funding be by project, by “group of projects”, by “community” or as “infrastructure”



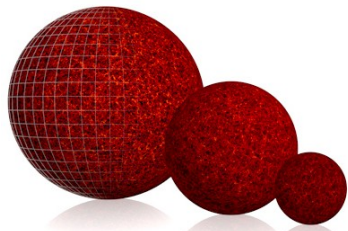
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# Manuel's notes



Should there be:

An Astroparticle software library ?



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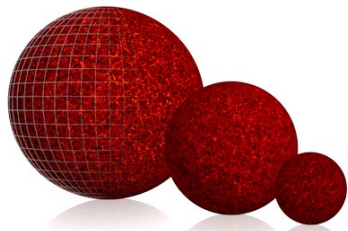


PIC  
port d'informació  
científica

Should there be:

An Astroparticle software library ?

Portals for important Astroparticle applications ?



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# Manuel's notes



PIC  
port d'informació  
científica

Should there be:

An Astroparticle software library ?

Portals for important Astroparticle applications ?

An alliance of (big?) centers supporting  
Astroparticle physics communities ?