

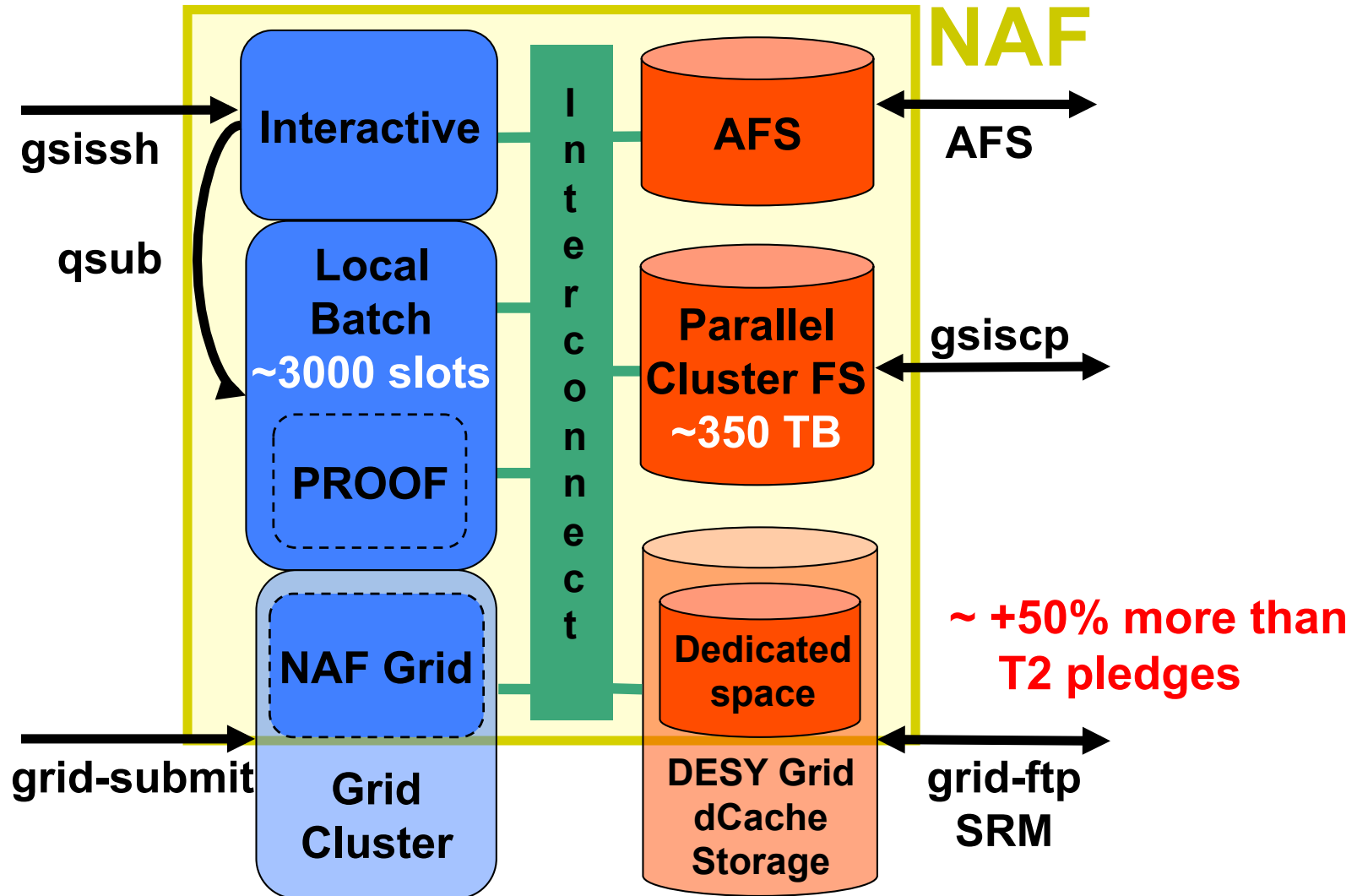
# National Analysis Facility

## The National Analysis Facility (NAF): Three slides

- 1) The NAF – the one slide introduction
- 2) The three most important problems (our view)
- 3) What we will present after the experiments presentations

[Yves Kemp](#), Martin Gasthuber, Andreas Gellrich, Birgit Lewendel, Christoph Wissing + Andreas Haupt  
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# The NAF in one slide (Who has not yet seen this slide?)



# The three (+1) main problems in the past year (my view)

- > AFS problems: Detailed explication in last years meeting
  - Solved in April/May by a patch.
  - Many efforts went into solving that one – including debugging with AFS developers!
  - Was our communication OK?
- > Lustre stability: Got better after going away from InfiniBand
  - Metadata performance still a known bottleneck – especially when heavy loaded
  - Good performance observed: up to 2 Gbyte/s aggregated – in a shared resource
  - Recent troubles in the storage backend connections observed – under investigation
  - ... and going away from Lustre in 2012
- > Login problems / WGS stability
  - Mostly user induced: E.g. Memory bombs on WGS
  - Some infrastructure problems (DNS resolution ...)
- > CPU resource shortage
  - Solved by adding more resources in November (and thanks to UniHH/CMS group!)



# Discussion about NAF future

- > We are rethinking the NAF and modernize it
- > At the end of this meeting, I will present some slides with many questions to you.
- > Idea: We have to rethink the NAF – and we would like to know
  - What you liked so far - What you did not like
  - What you miss - What you don't need
  - How you use the current NAF – how you would like to use a future NAF
- > But first let's listen to the reports of the experiments

