

# Referee`s statements on ALPS

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**New ALPS II collaboration has formed,  
based on the ALPS achievements**

**Collaboration between**

**DESY  
PTB Braunschweig  
University of Hamburg  
Sternwarte Hamburg  
Laser Zentrum Hannover  
Albert Einstein Institut Hannover  
MPI Munic**

**+ work on TES:**

**DESY, Hamburg, PTB Hannover, Camerino,  
Torino, INFN Frascati, INFN Genoa, INFN Trieste**

**An impressive list (sometimes one name only)**

## ALPS II @ DESY

- time-line proposed earlier kept – TDR end 2011 seems possible
- impressive efforts by ALPS II collaboration very much appreciated
- proposed mult-step procedure with the possibility to achieve physics results “on the way” very appealing
- recommend that DESY provides the necessary support for preparatory steps.

Recommendation Apr. 2010 (still valid !):

**Tremendous work on TDR be should be preceeded by  
an evaluation of costings and physics case by DESY (and PRC)**

- will need additional external reviewers with expertise in optics and TES
- before any definitive statement on the full experiment need:  
evaluation of cost, physics case and competing efforts elsewhere

**Dedicated ALPS II workshop?**

**Funding?** PoF after 2014, additional sources to be found by ALPS II