

# Welcoming Remarks

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**Petaflops II**

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# The End ... of the Beginning

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- **As you will hear shortly, and as your bag of handouts clearly shows, for the last five years we have been looking at issues related to enabling Petaflops-scale computing**
  - attendance at all the previous workshops was by invitation only
- **Many issues have been studied to the point that it is clear that research is needed to address them properly**

# Selected Agenda Items

- **Paul Smith's history of the Petaflops efforts**
- **Ken Kennedy's perspective on Petaflops as the co-Chair of PITAC and as computer scientist**
- **A showing of Cray's talk at Pflops I**
- **On Thursday, a Federal agency mission perspective by Gil Weigand**

# Opportunities for your input

- **BOF tonight at 8:00 p.m. -- an opportunity for our community to suggest ways to respond to/implement the PITAC recommendations**
- **Panels on**
  - applications,
  - systems software, and
  - findings and recommendations
- **Please speak out at all of the above!**

# Looking Further into the Future

- **Friday morning's session on "exotic technologies" will provide a glimpse into approaches that may revolutionize how computing is done**

# Thanks

- **To the Program Committee, chaired by Thomas Sterling**
- **To the Steering Committee, chaired by Paul Smith**
- **To the sponsors:**
  - DARPA
  - DOE-DP
  - DOE-SC
  - NASA
  - NIH
  - NSF

# Thanks

- **To Caltech's Center for Advanced Computing Research for handling all the logistics, under Mary Goroff's leadership**
- **And to all of you for participating in this conference**