



HSF - Software Projects

Peter Elmer - Princeton University

# News - DIANA project

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- Data Intensive ANALysis (DIANA) project focused on community tools for data analysis
- PI's: Peter Elmer (Princeton), Kyle Cranmer (NYU), Mike Sokoloff (Cincinnati), Brian Bockelman (Nebraska)
- Three broad areas of activity: Performance, Interoperability and Collaborative Analysis
- NSF "Software Infrastructure for Sustained Innovation" (SI2) solicitation. Status is "recommended for funding", pending awards
- More later this year once the project is running...

# Other Software Projects

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- I am aware of a small number of proposals submitted in various parts of the community, looking for new funding to support cross-experiment, cross-institution projects coherent with the overall goals of the HSF.
- Any other new proposals/projects people would like to mention?
- Opportunities for completely new funding, especially to pay people, are not numerous. The process can also be quite long, given funding cycles and the need at times to iterate and resubmit.

# Other ideas for the HSF to pursue systematically

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- In addition to pursuing funding for new projects and effort, we should pursue systematically for the HSF other types of mechanisms (national, institutional, etc.):
- Funding to support visits/mobility for collaborations (e.g. DOE-INFN exchange) between existing staff/effort
- Student and young people: CERN summer students, NSF REU, GSoC, etc.
- Catalog and advertise these often-wider-than-software mechanisms to existing software projects and individuals aiming for new projects (I volunteer to collect the info!)