

Hot & Dense QCD Matter White Paper

Status and Perspective of the US Relativistic Heavy-Ion Effort

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- The Task
- White Paper Writing Team
- Message, Message, Message
- Basic Outline
- Community Input

The Task

Charge to the Tribble NSAC sub-committee:

describe how to optimize the overall Nuclear Science Program over the next 5 years (FY2014 - 2018) under at least 2 budget scenarios:

1. flat funding at the FY2013 level
2. modest increases over the next 5 years

purpose of the White Paper:

- inform the NSAC subcommittee on the status and outlook of the US Relativistic Heavy Ion program
- present the future potential of that program in an objective, yet maximally positive way
- convince the committee members to issue a recommendation in favor of vigorously continuing (or possibly even strengthening) the funding for the RHI program.
- ▶ the very future of our field in the US may depend on how compelling we present our case

White Paper Writing Team

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Timeline & Scope

Target Audience: non heavy-ion members of the Tribble Committee

Deadline: October 17th (1 week prior to DNP meeting)

Scope: roughly 50-60 pages

- focus on highlights, no laundry-list
- message control is crucial

Message to be conveyed

- the US relativistic heavy-ion program has been tremendously successful and has made significant discoveries
- a number of exciting and compelling open questions remain to be answered in order to fulfill the mission of the program
- our community has a clear and well thought-out plan on how to accomplish its goals

Basic Outline

- Introduction
- Theoretical Basis
- Facilities & Experiments
- **Success of the RHI Program**
- **Open Questions**
- **Future Plans**

- WP has to emphasize key messages
- selective, not comprehensive

Community Input

- ▶ your input is important!!
- ▶ the future of the US Heavy-Ion Program depends on us making the strongest and most compelling case for its continuation!