

HF Accelerator R&D Proposals

R&D proposal solicitation

R&D topics should be relevant to an off-shore Higgs Factory and could morph into a significant contribution from the US to such a project

Examples: 800 MHz CM for FCC-ee or 1.3 GHz SRF for ILC

US National efforts should follow DOE programmatic priorities and guidance and be aligned with international initiatives and efforts

Proposals should identify partner efforts including, but not limited to, HEP GARD, the FCC Design, ICFA, the IDT, ECFA and other major stakeholders

Max two pages

Deadline: Friday, June 13

See backup slides
for further guidance

Submissions to date:

Beam Physics – 2

Magnet Systems - 2

RF Systems - 2

Diagnostics & Instrumentation

Infrastructure Engineering

Integration & Sustainability

Machine-detector Interface

HFCC-A Proposal Template

- [PI Name]
- [Institution(s)]
- Research areas:
 - [General subject of Research Scope]
- [Budget Request]
- [Background of the primary participants]
- [Higgs Factory project contact]

Narrative

[Bulleted list of objectives]

- [Objective 1.1]
- [Objective 1.2]
- ...
- [Impact]
 - [Uniqueness of the contribution and long-term contribution to a Higgs Factory]]
- [Relevance and/or benefit to US HEP program]
- Synergies with existing R&D programs

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