



# U.S. Department of Energy's Office of Science

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## Budget Planning Meeting



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Research Division

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# Fusion Science Center (FSC) Initiative

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Recommendation of the National Research Council Report  
“An Assessment of the Department of Energy’s Office of  
Fusion Energy Sciences Program”

- ♣ *“Several new centers, selected through a competitive peer-review process and devoted to exploring the frontiers of fusion science, are needed for both scientific and institutional reasons.”*
- ♣ Strong educational component
- ♣ Centers should sponsor multidisciplinary workshops and summer school

# FSC Initiative Description

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- ♣ Focus of Center is on areas of fundamental importance to Fusion Plasma Science
- ♣ \$2 Million in FY 2004 funding for FSC
  - ♣ Host institution is expected to provide at least 15% cost sharing
  - ♣ Center expected to host workshops and summer school
- ♣ Grant duration of 5 years with possible 5 year renewal
- ♣ Center will be a University based Center of Excellence with possibility of up to 20% of funding going to a National Laboratory(s) partner

# Phased Review Process

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- ♣ Federal Register Notice on August 15, 2003
- ♣ 14 Applications were received in November 2003 and sent for mail peer review
- ♣ Based upon Mail Review, 7 invitations for final applications were extended
- ♣ Final applications were due in March 2004 and will receive a combination of mail and panel review
- ♣ Review panel is scheduled to meet at American Geophysical Union, in Washington, DC on April 14 and 15
- ♣ Award(s) will be announced in May 2004



# Review Criteria

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- ♣ Scientific and technical merit
- ♣ Clear evidence of collaborative work
- ♣ Extent to which FSC would address difficult problems requiring a team effort
- ♣ Emphasize synergy of collaborations facilitated by the Center
- ♣ Clear evidence of scientific leadership
- ♣ Managements ability to evaluate the relevance and scientific impact of Center's work

