

Abstract Submitted  
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**Condensed Matter and Materials Physics In the Next Decade**

M.A. KASTNER, Chair, Solid State Sciences Committee of the National Research Council and Department of Physics and Massachusetts Institute of Technology, JIM EISENSTEIN, Solid State Science Committee of the National Research Council and California Institute of Technology, MILLIE DRESSELHAUS, Chair, CMMP2010 and Massachusetts Institute of Technology — The National Research Council (NRC) will soon appoint a committee to carry out a decadal study of condensed-matter and materials physics called CMMP2010. The study, which will result in an NRC report, is supported by the NSF and DOE. The committee will assess the current and future opportunities of our field. It will identify the most important fundamental scientific problems, as well as problems whose solutions are likely to help meet national or societal needs. It will also examine the current status and future needs for resources that will be necessary to solve these problems, such as small and large facilities, individual and multi- investigator research support, as well as university, national and industrial laboratories. After a brief introduction to the work done so far, under the auspices of the Solid State Sciences Committee, attendees will be invited to offer their views about issues to which the panel should pay special attention.

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