

**Third Workshop on Future Directions of Solid State Chemistry:
The Status of Solid State Chemistry and its Impact in the Physical Sciences**

NSF Sponsored Workshop
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Northwestern University, Evanston Illinois

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Organizers

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Purpose:

The goals of the workshop are to assess the current state and future opportunities of solid state chemistry and to explore its impact on neighboring disciplines and industry. We also hope to articulate in a forward-looking report the community's sense of the opportunities and future directions it wishes to take as well as insights into how students ought to be best educated and trained. The findings of the workshop could act as a vehicle to inform the chemistry community of opportunities for support at NSF and elsewhere. Moreover, our report may help the NSF and the scientific community better appreciate the place and contributions of our field in a greater scientific and societal context. The workshop will aim to identify the most important fundamental scientific problems, as well as problems whose solutions could impact other scientific disciplines and thus are likely to help meet national or societal needs. In addition we will examine the current status and future needs for resources that will be necessary to solve these problems, including small and large facilities, individual and multi-investigator research support, as well as university, national and industrial laboratories. The workshop's final report will be available to the scientific community and funding agencies, in particular NSF.

Important community input for the workshop will also include the discussion of existing and new means for educating students, and the development and use of national facilities for performing state-of-the-art research in our field.

We invite the solid state community to provide important input on these issues. We also invite suggestions of issues to which the sub-panels should pay special attention.

Input by email is appreciated:

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