

MRS Bulletin

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Single atom fabrication with beams and probes

ALSO IN THIS ISSUE

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and sound with metamaterials

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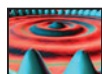
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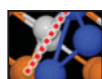
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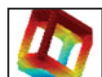
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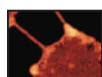
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ON THE COVER

Single atom fabrication with beams and probes. This issue of *MRS Bulletin* presents advances in electron- and ion-beam-based atomic fabrication on surfaces, in layered materials, and in three dimensions. The cover shows an artistic rendering of scanning transmission electron microscope-based single atom level manipulation and fabrication of 2D materials. Electron beams can be used to cut or remove material and control the

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The Society's interdisciplinary approach differs from that of single-discipline professional societies because it promotes information exchange across many scientific and technical fields touching materials development. MRS conducts three major international annual meetings and also sponsors numerous single-topic scientific meetings. The Society recognizes professional and technical excellence and fosters technical interaction through University Chapters. In the international arena, MRS implements bilateral projects with partner organizations to benefit the worldwide materials community. The Materials Research Society Foundation helps the Society advance its mission by supporting various projects and initiatives.

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