

MRS Bulletin

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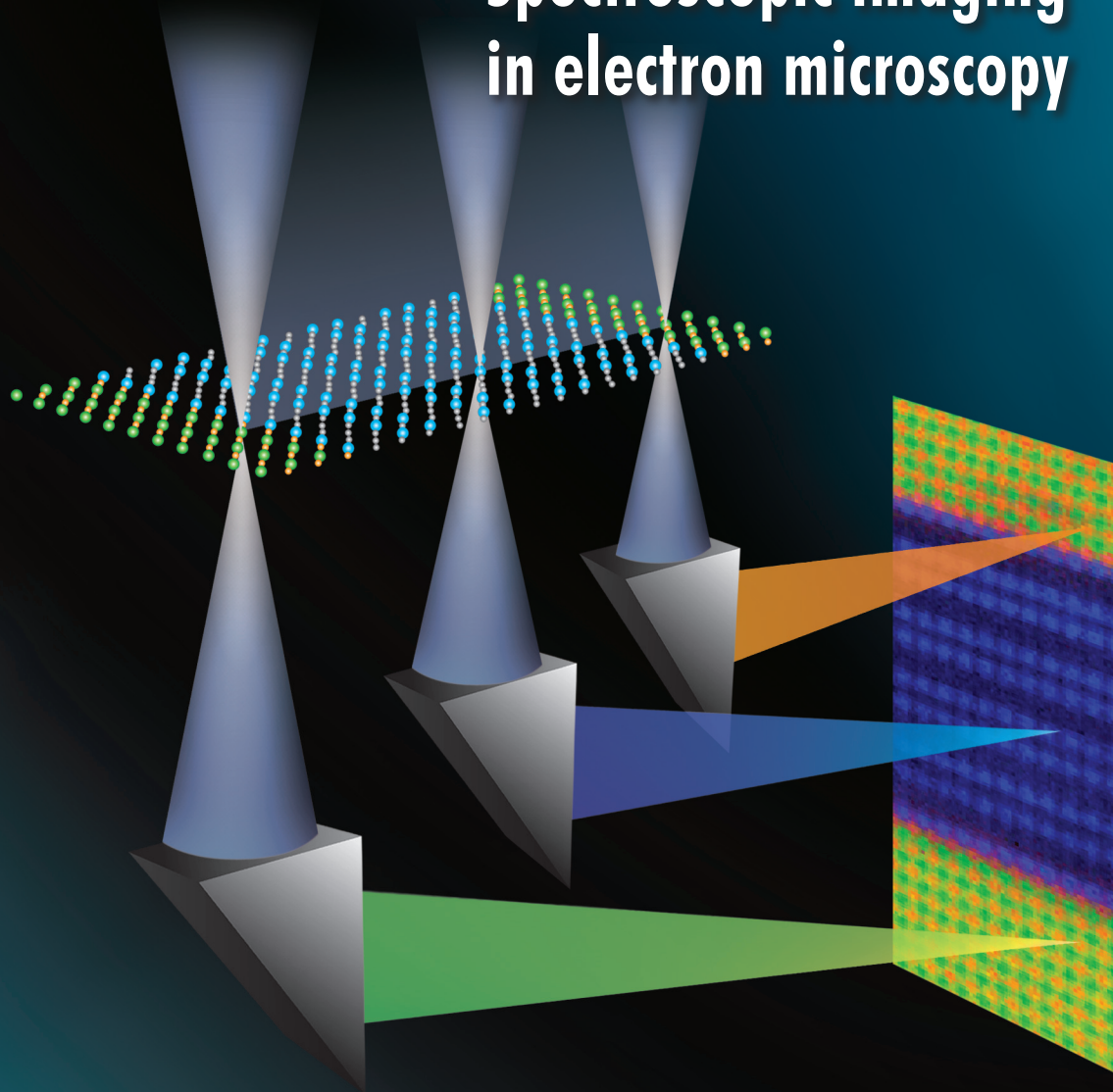
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








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
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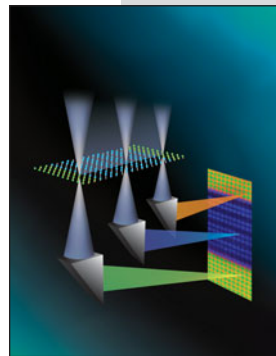
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ON THE COVER

Spectroscopic imaging in electron microscopy. This issue of *MRS Bulletin* illustrates the power of the new generation of electron microscopes that combine imaging and spectroscopy. The cover shows a scanning transmission electron microscope probe hitting a specimen with various atoms (depicted with different colors), with the same structure reflected in the spectrum image. This schematically depicts the scanning, showing three points in the scan where the prism separates the beam into colors appropriate to the corresponding atoms, thus identifying them. See the technical theme that begins on page 13.



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The Society's interdisciplinary approach differs from that of single-discipline professional societies because it promotes information exchange across the many technical fields touching materials development. MRS sponsors three major international annual meetings encompassing approximately 125 topical symposia, and also sponsors numerous single-topic scientific meetings. The Society recognizes professional and technical excellence and fosters technical interaction in local geographic regions through Sections and University Chapters.

MRS participates in the international arena of materials research through the International Union of Materials Research Societies (IUMRS). MRS is a member of ASTRA and is an affiliate of the American Institute of Physics.

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