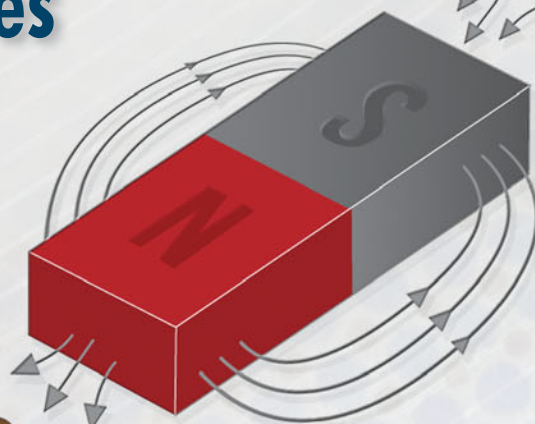


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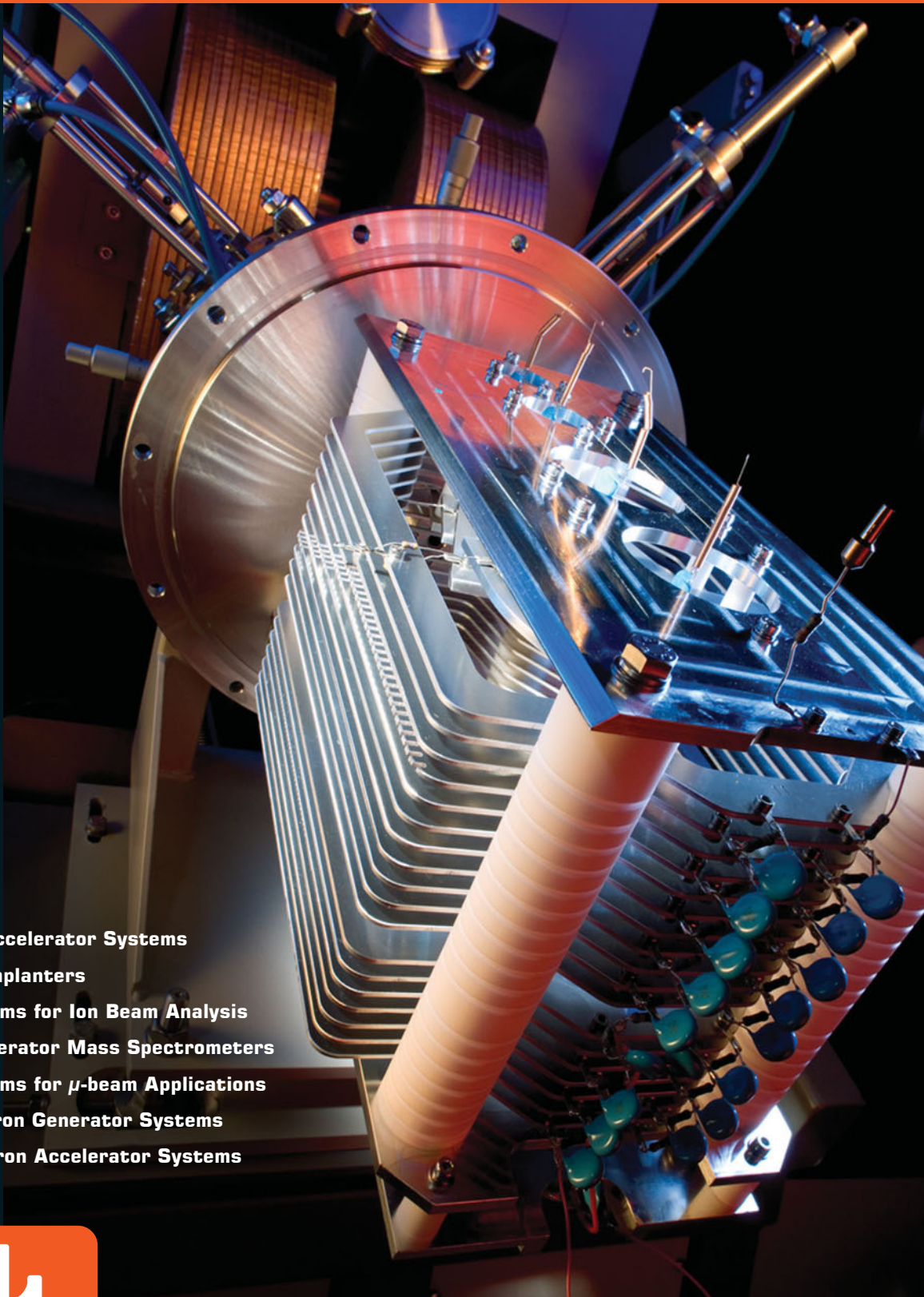


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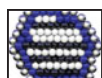
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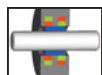
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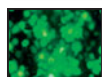
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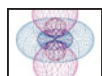
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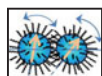
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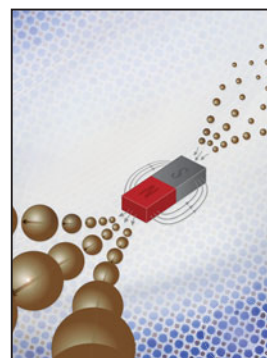
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ON THE COVER

Magnetic nanoparticles. The theme articles in this issue of *MRS Bulletin* describe various aspects of the characterization and application of magnetic nanoparticles and give a broad perspective on current research trends, emerging directions, and future applications. On the cover, the background shows a transmission electron microscopy image of a self-assembled binary lattice of Fe₃O₄ (blue) and Au (gold) nanoparticles (courtesy of

Tianlong Wen and Sara Majetich, Carnegie Mellon University). The foreground is a cartoon representing the formation of magnetic nanoparticles into linear assemblies in a magnetic field. See the technical theme that begins on page 899.

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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 encompassing approximately 125 topical symposia, 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 MRS Foundation helps the Society advance its mission by supporting various projects and initiatives.

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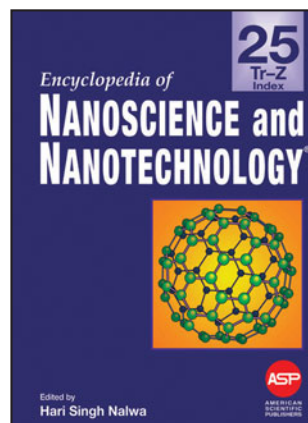
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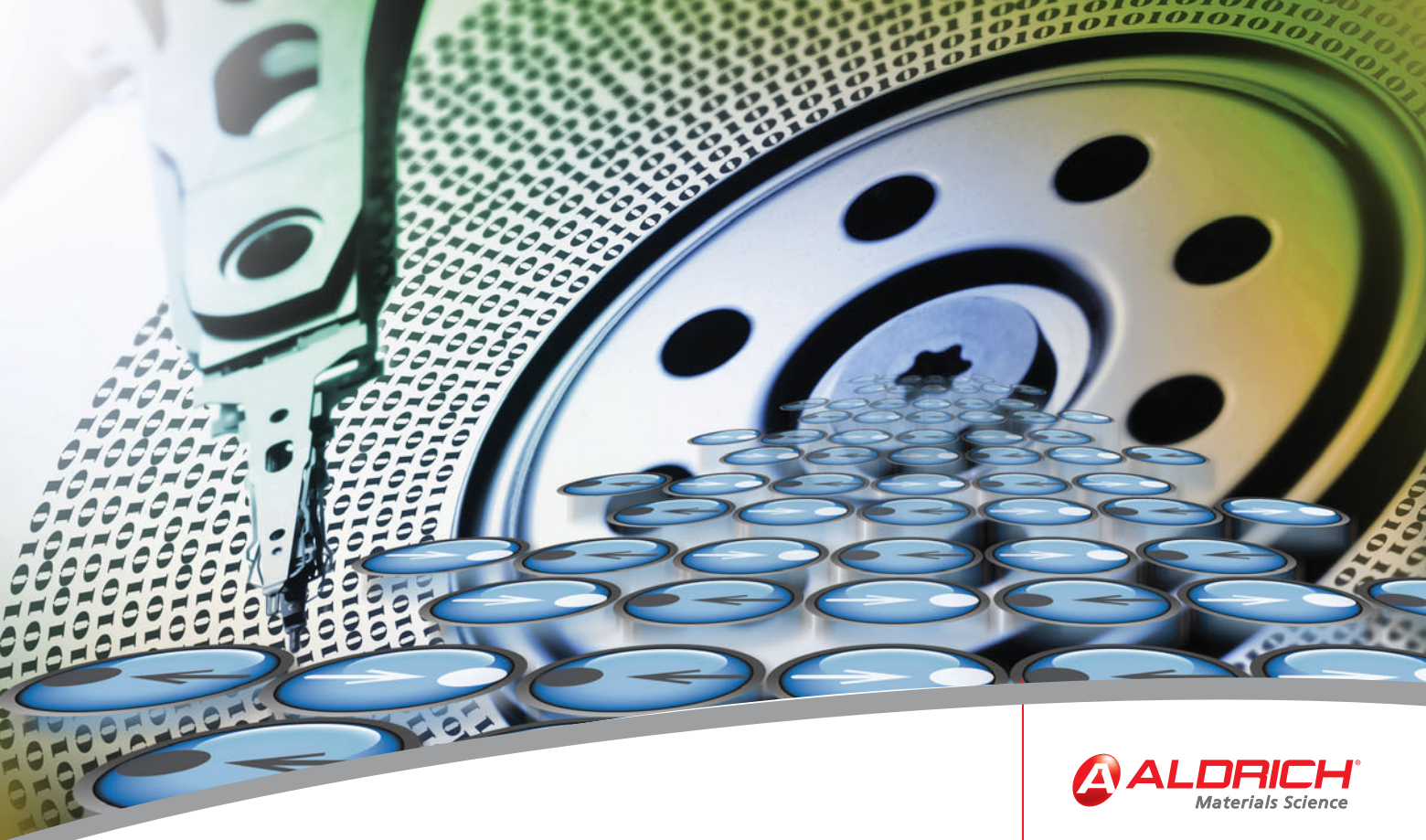
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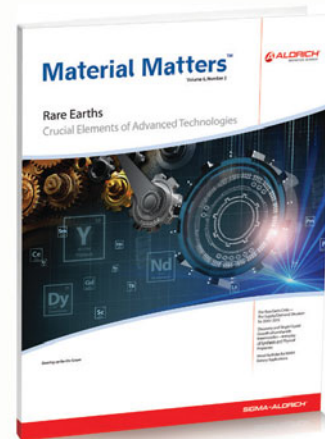
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