

**MRS**

# BULLETIN

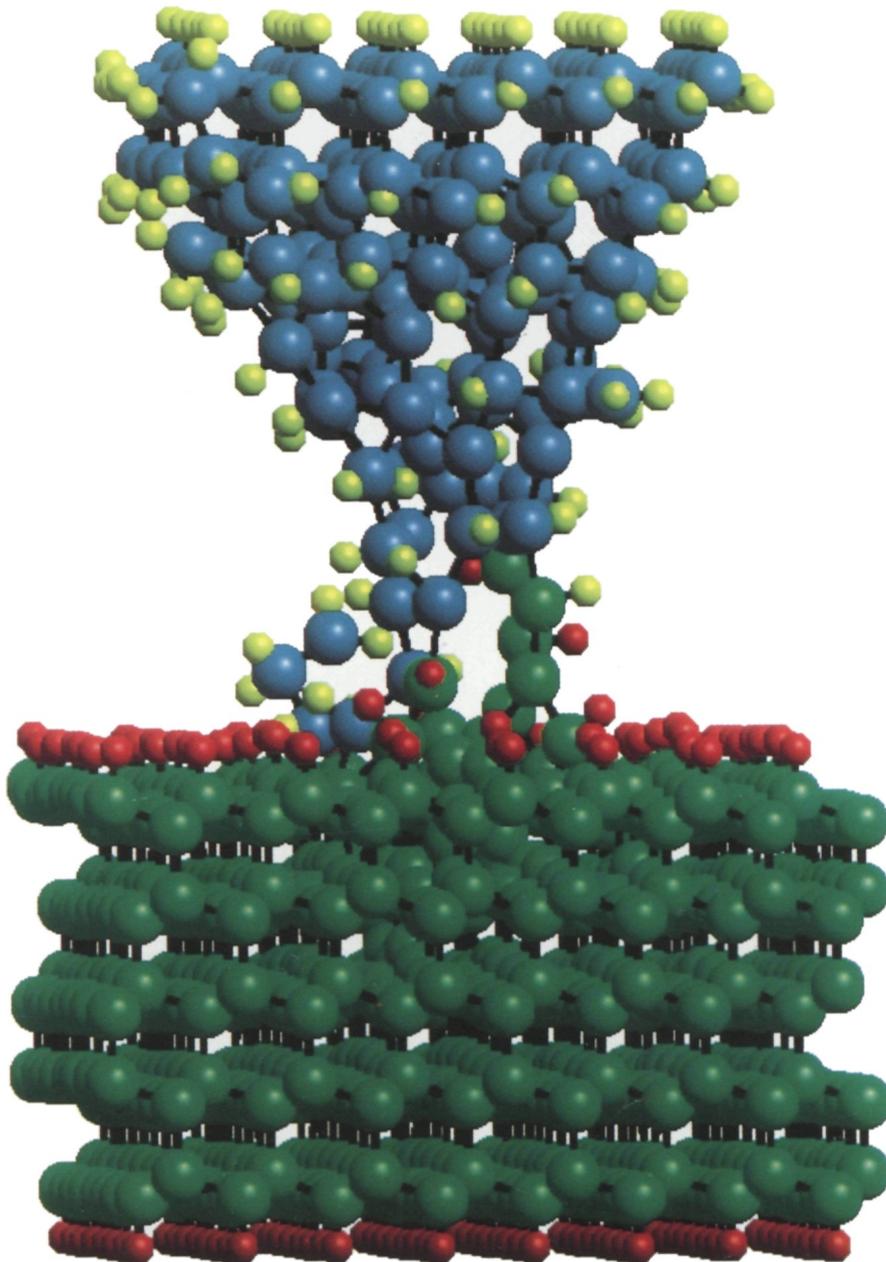
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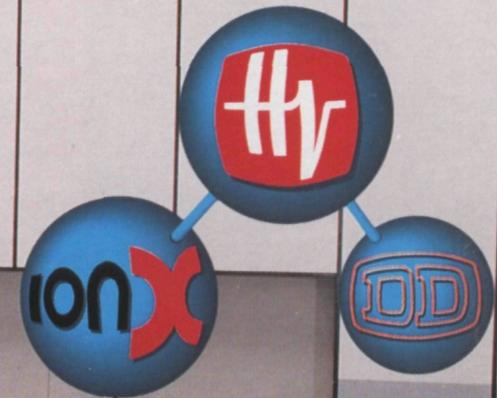
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# MRS BULLETIN

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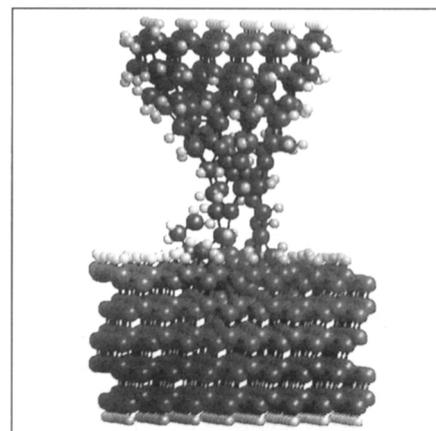
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**ON THE COVER:** Excerpt from an animated sequence of a molecular dynamics simulation designed to model an atomic force microscope indentation experiment. In this excerpt, a hydrogen-terminated diamond tip, shown in blue and yellow, has been withdrawn from a hydrogen-terminated diamond surface, shown in green and red. This snapshot shows adhesion, via the formation of chemical bonds, between the tip and the surface. This adhesion results in material transfer between the tip and the surface, and damage to the crystal structure of both the tip and the surface.

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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 two major international annual meetings encompassing approximately 50 topical symposia, and also sponsors numerous single-topic scientific meetings. The Society recognizes professional and technical excellence, conducts short courses, and fosters technical interaction in local geographic regions through Sections and University Chapters.

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