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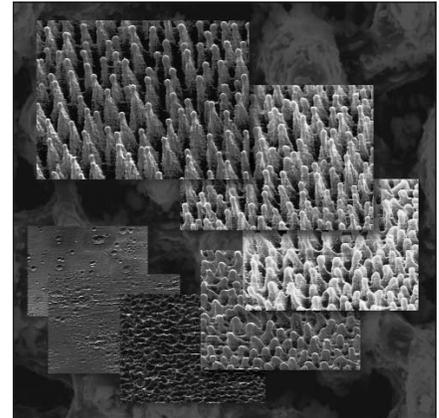
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ON THE COVER: Ultrafast Lasers in Materials Research. (foreground) False-color scanning electron micrographs showing the morphology of a silicon surface after irradiation with an increasing number of 100-fs laser pulses in a background gas of sulfur hexafluoride: (counter-clockwise from lower left) 1, 4, 12, 30, 50, 100, and 600 pulses. (background) Top view at higher magnification of the silicon surface irradiated with 600 pulses. See the technical theme that begins on p. 594. Cover designed by Brian R. Tull.

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