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Surface modification and internal damage of tungsten irradiated with He ions was observed by using scanning probe microscope (SPM) and transmission electron microscope (TEM). It was found that the irradiated surface became rough by the formation of dense large and small bulges of 100 ~ 200 nm and a few nm in size. It was also observed that fine He bubbles ranging from a few to 100 nm were formed in the subsurface layer. (From p. 12, "Effects of Helium on Radiation Damage in Fusion Materials". Photo provided by H.Iwakiri and T. Baba, Kyushu University)