COUPLING TO NANO

CIRMM/LIMMS

Ce-B02

Demo

KAWAKATSU LAB. [Feeling Atoms to know what they are]

Centre for Interdisciplinary Research on Micro-Nano Methods (CIRMM)

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Precision engineering department

Applied Scientific Instruments

Feeling Atoms to know what they are

Touching the untouched, and seeing new landscapes

A fast, robust method of identifying the potential landscape of a solid surface was implemented with Atomic Force Microscopy. By assigning the three potential parameters to RGB, colour images with atomic resolution were acquired. Applications include imaging of alloys and multi-element systems, mobility of atoms in 3D mesoscopic structures, and identification of the sample.

