Photography: NANOBIOENGINEERING LABORATORY
National Food Research Institute, Tsukuba, Ibaraki, Japan, submitted by Suresh Neethirajan

SOLUTIONS FROM THE NANO WORLD

Title, top left: PLATINUM FLOWERS
Subject: Surface morphology of platinum nanocrystals observed from nanowater using atomic force microscopy. Scan size: 4 microns.

Title, top middle: GREAT SAND DUNES
Subject: Three-dimensional surface reconstructed atomic scale images of plant chromosomes. Scale: 200 nanometer.

Title, top right: MARTIAN CRATERS
Subject: Atomic scale image of complex crater (5 microns) on starch granule surface prepared from buckwheat seeds.

Photographer: ART JOHNSON
Bioengineering professor, University of Maryland, College Park, USA

Title: HOLD STILL
Subject: Graduate student Patricia Lehtola measures respiratory resistance of a sheep with an airflow perturbation device, currently in development.