



## ANALYTICAL INSTRUMENTATION FACILITY

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### Chuck Mooney Publications and Presentations

#### Journal Publications

- 1.) Keiichi Nakamoto, Charles B. Mooney, and Shin'ichi Kitamura, **In-Situ Observation of Freeze Fractured Red Blood Cell with High-Vacuum Low-Temperature Atomic Force Microscope**, JEOL News, Vol. 37E (2002) pp62-65
- 2.) Keiichi Nakamoto, Charles B. Mooney, and Masashi Iwatsuki, **Development of Low-temperature and High Vacuum Atomic Force Microscope with Freeze-Fracture Function**, Rev. Sci. Inst., Vol. 72, No. 2, Feb. 2001, pp1445-1448
- 3.) S. Kitamura, K. Suzuki, M. Iwatsuki, and C.B. Mooney, **Atomic Scale Variations in Contact Potential Difference on Au/Si(111) Surface in Ultrahigh Vacuum**, Appl. Surf. Sci., v157 (2000)
- 4.) Katsuyuki Suzuki, Masashi Iwatsuki, Shin'ichi Kitamura, and Charles B. Mooney, **Development of Low Temperature Ultrahigh Vacuum Atomic Force Microscope/Scanning Tunneling Microscope**, Jpn. J. Appl. Phys., Vol. 39 (2000), pp. 3750-3752.