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‘Ferromagnetic resonance force microscopy studies of a continuous permalloy film’ (invited) E. Nazaretski, D. V. Pelekhov, I. Martin, M. Zalalutdinov, J. W. Baldwin, T. Tewes, B. Houston, P. C. Hammel, and R. Movshovich Seeheim Conference on Magnetism, Frankfurt, Germany, August 2007

‘Localized Ferromagnetic Resonance Force Microscopy of a Continuous Permalloy-Cobalt Film’ E. Nazaretski, D. V. Pelekhov, I. Martin, K. C. Cha, E. A. Akhadov, P. C. Hammel, and R. Movshovich MRS Fall Meeting, Boston, November 2007

B. Medasani, Y. H. Park, and I. Vasiliev, "Ab Initio Calculations for the Surface Energy of Silver Nanoparticles", APS 2007 March Meeting (Denver, Colorado, March 5-9, 2007).

I. Vasiliev, "Theoretical Modeling of Clusters, Nanoparticles, and Quantum Dots", SPIE Photonics West, Conference OE17: Quantum Dots, Particles, and Nanoclusters V (San Jose, California, January 19-24, 2008) - invited talk.

I. Vasiliev, B. Medasani, and Y. H. Park, "Surface Stress and Energy of Metal Nanoclusters", APS 2008 March Meeting (New Orleans, Louisiana, March 10-14, 2008).

Kumar, S., B. S. Williams, Q. Qin, A. W. M. Lee, Q. Hu, J. L. Reno, *Single-Mode Surface-Emitting Terahertz Quantum-Cascade Lasers Operating up to ~ 150 K*, Conference on Lasers and Electro-Optics, 5/6-11/07, Baltimore, MD.

Lee, A. W. M., Q. Qin, S. Kumar, B. S. Williams, Q. Hu, J. L. Reno, *High-Power Metal-Metal Waveguide Terahertz Quantum-Cascade Laser with a Hyperhemispherical Lens*, Conference on Lasers and Electro-Optics, 5/6-11/07, Baltimore, MD.

Lee, A. W. M., Q. Qin, S. Kumar, B. S. Williams, Q. Hu, J. L. Reno, *Real-Time, Transmission-Mode, Terahertz Imaging Over a 25-Meter Distance*, Conference on Lasers and Electro-Optics, 5/6-11/07, Baltimore, MD.

Williams, B. S., S. Kumar, Q. Qin, A. W. M. Lee, Q. Hu, J. L. Reno, Z. R. Wasilewski, H. C. Liu, *Terahertz Quantum Cascade Lasers*, Conference on Lasers and Electro-Optics, 5/6-11/07, Baltimore, MD.

Naser, B., D. K. Ferry, J. Heeren, J. L. Reno, J. P. Bird, *Investigations of the Non-Linear Transient Response of Quantum Point Contacts Using Pulsed Excitation with Sub-Nanosecond Time Resolution*, The 15th International Conference on Nonequilibrium Carrier Dynamics in Semiconductors, 7/23-27/07, Tokyo, Japan.

Yoon, Y., J. P. Bird, L. Mourokh, T. Morimoto, N. Aoki, Y. Ochiai, J. L. Reno, *Probing the Microscopic Structure of the Localized State in Quantum Point Contacts*, The 17th International Conference on the Electronic Properties of Two-Dimensional Systems (EP2DS-17), 7/15-20/07, Genova, Italy.

Laroche, D., E. S. Bielejec, J. L. Reno, G. Gervais, M. P. Lilly, *Towards Coulomb Drag in Vertically Coupled Quantum Wires with Independent Contacts*, The 17th International Conference on the Electronic Properties of Two-Dimensional Systems (EP2DS-17), 7/15-20/07, Genova, Italy.

Buset, J. M., A. H. Mack, D. Laroche, C. R. Dean, M. P. Lilly, J. L. Reno, G. Gervais, *Towards Optical Manipulation and Resistive Readout of the GaAs Nuclear Spins*, The 17th International Conference on the Electronic Properties of Two-Dimensional Systems (EP2DS-17), 7/15-20/07, Genova, Italy.