

### ■ It's Portable, But You Must Go to It

**Portable Design '99**, a three-day multitrack technical conference, is coming to the San Diego Marriott February 2-4. The conference is devoted to engineering and marketing portable electronic devices, including portable instruments, PDAs, and cellular telephones. The conference's technical track focuses on power management, displays, signal processing, software, memory, and, of course, microprocessors. Scheduled topics include solar panels, wireless LANs, and rechargeable batteries.

Early registration (before 12/18) runs \$575 for the three-day technical conference; the one-day management conference costs \$450. For more information, contact Pennwell (Nashua, N.H.) at 603.891.9267 or visit [www.portable-design.com](http://www.portable-design.com).

### ■ World's Oldest-Known Metal On the Rise

Such is the provocative claim of Business Communications Company, the publishers of *The Copper Revolution in Semiconductors: Market Opportunities in Materials and Equipment*. This weighty tome forecasts a 27% growth rate for copper-related processing equipment between now and 2003, with sales dominated by electroplate and chemical-mechanical polishing (CMP) gear.

Copies of the report sell for \$3,450. For more information, or to order, contact BCC (Norwalk, Conn.) at 203.853.4266 or via [www.buscom.com](http://www.buscom.com).

### ■ Demos in the Desert

The annual gathering of gadget freaks and their venture capitalists, **Demo '99**, is scheduled for February 7-10 at the Renaissance Esmerelda Resort in Indian Wells, California. With no fixed program, Demo is usually filled by an assortment of new hardware demonstrations and proofs of concept.

Early registration (before 12/22) costs \$1,995. Late registration runs \$2,295. For more information, or to register, visit [www.demo.com/demo\\_conferences/demo99/demo99.html](http://www.demo.com/demo_conferences/demo99/demo99.html).

### ■ Inside IBM (or Lucent, or IDT, or Atmel ...)

The Petrov Group has just completed an analysis of the ASIC business and capabilities of IBM. Joining similar analyses of IDT, Lucent, TI, Vantis, Atmel, and other semiconductor manufacturers, the report covers company organization, management profiles, product lines, business model, and detailed looks into the company's ASIC technology.

Four copies of the IBM ASIC report sell for \$19,600, including a half-day on-site presentation. For more information, contact the Petrov Group (Los Altos, Calif.) at 650.941.7180 or fax 650.941.8529.

### ■ Download Photos From the Web

Unless your employer prohibits it, you can see explicit photos of microprocessors at [infopad.eecs.berkeley.edu/CIC/die\\_photos](http://infopad.eecs.berkeley.edu/CIC/die_photos).