

■ Be Logical and Fast

Logical Effort: *Designing Fast CMOS Circuits* is the title of a new book by Ivan Sutherland, Bob Sproull, and David Harris. The 230-page softcover book may start a little slowly for seasoned logic designers, covering AND, OR, and XOR gates and discussing the concepts of fan-out and fan-in. Successive chapters then move on to asymmetric logic gates, delays, domino circuits, Muller C-elements, and the authors' concept of "logical effort."

The book (ISBN 1055860-557-6) sells for \$43. For more information, contact Morgan Kaufmann Publishers (San Francisco) at www.mkp.com.

■ Demystifying AGP

Tom Shanley's MindShare Press has published *AGP System Architecture*, a 240-page treatise on the popular graphics-expansion bus. Covering version 2.0 of the specification, author Dave Dzatko delves into signaling, timing models, arbitration, commands, ordering and transactions, and a comparison of AGP versus PCI.

The \$33 book (ISBN 0-201-37964-3) is available directly from the publisher at www.awl.com/cseeng/series/mindshare.

■ Remystifying FireWire

For those who prefer their buses serial, there's *FireWire System Architecture, 2nd edition*. Covering IEEE-1394a, author Don

Anderson (who gives his dedication in the form of an org chart) elucidates both the physical and electrical arcana of the IEEE-1394 standard. Tellingly, the \$40 book is 500 pages long.

To order copies (ISBN 0-201-48535-4), contact the publishers at www.awl.com/cseeng/series/mindshare.

■ Where PC Developers Confer

The fifth annual **PC Developers' Conference and Expo** offers four days of immersion in PCI, UCB, SCSI, I₂O, PCMCIA, and other PC-related acronyms. Wireless and home-networking technologies will also be on the agenda this year. Comfortably situated after Embedded Processor Forum, PC Developers' Conference is scheduled for May 24-27 in Santa Clara.

For more information, or to register, call Annasoft (San Diego, Calif.) at 800.462.1042 or visit www.annabooks.com/confer/pcitop.htm.

■ Automation. Information. Hannover.

The annual **CeBIT**, the world's largest business fair, comes again to Hannover March 18-24. As usual, fair exhibits will cover office automation, CAD/CAM, communications (including wireless), networking, peripherals, computers, "bank technology," and research and technology transfer.

For more information (in English and German), point your browser to www.messe.de/cb99.