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additional event-driven data types to be defined and used. XSPICE comes with a 12-state digital data type as well as a user-defined node library that includes 'real' and 'integer' types useful in simulating sampled-data systems such as digital signal processing algorithms.

Cox expects the software will be helpful to electrical engineers in a wide range of applications, though it also has uses outside of electronics.

"SPICE was developed for electrical engineers, but we have extended it so powerfully that it can be used for a wide range of systems."

-- Fred Cox, senior research scientist

XSPICE is currently available for UNIX workstations and is supplied in source code form, allowing users to customize and extend both the simulator and models to their own particular needs. To date, the simulator has been successfully compiled and used on HP/Apollo and Sun workstations.

The XSPICE simulator and user's manual are available with a cost-free license arrangement from the Georgia Tech Research Corporation for a distribution charge of U.S.$200, including first class postage within the United States. An additional $25 is required for air delivery overseas.

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For further information about licensing the product, contact the Office of Technology Licensing, Georgia Tech Research Corporation, Georgia Institute of Technology, 400 Tenth Street, Atlanta, Georgia 30332-0415, or phone (404) 894-6287, or fax (404) 894-9728. Internet users may send e-mail to XSPICE@GTRI.GATECH.EDU to obtain copies of the order form and license agreement. (Please include the word "LICENSE" in the subject header when mailing to the Internet address.)

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