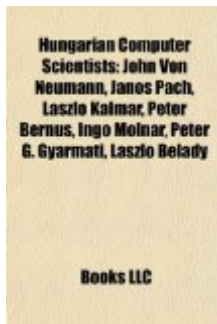

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Purchase includes free access to book updates online and a free trial membership in the publisher's book club where you can select from more than a million books without charge. Chapters: John Von Neumann, János Pach, László Kalmár, Peter Bernus, Ingo Molnár, Peter G. Gyarmati, Laszlo Belady, Sándor Dominich, Peter Toma. Excerpt: Ingo Molnár Ingo Molnár , currently employed by Red Hat , is a Hungarian Linux hacker . He is best-known for his contributions to the operating system in terms of security and performance . Some of his additions to the Linux include an O(1) and CFS scheduler in the 2.6.x kernel series, the in-kernel TUX HTTP / FTP server , as well as his work to enhance thread handling. He also wrote a kernel security feature called "Exec Shield " , which prevents stack-based buffer overflow exploits in the x86 architecture by disabling the execute permission for the stack. One of his recent projects is the realtime preemption patch, which aims to bring hard-realtime scheduling latencies (50 60 microseconds worst-case execution time) to Linux. Most recently, he has been working on the Completely Fair Scheduler (CFS), an O(log n) scheduler that is included as of the 2.6.23 Linux. References (URLs online) Websites (URLs online) A hyperlinked version of this chapter is at John von Neumann Qu... .. [Read more](#)
