

## **Advances in Nanomagnetic Logic**

**J. Bokor**

Nanomagnetic logic is an emerging physical computing platform with the potential to operate at  $10^6$  times the energy efficiency of conventional microprocessors. The computing elements are magnetic, rather than electronic, which circumvents many of the heat dissipation mechanisms associated with the motion of electronic charge. Wireless sensor networks, mobile electronics, and data centers are seen as the most promising applications for this technology.