

Accurate Fine-Grained Processor Power Proxy

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- IBM POWER7+ chip-level and core-level power proxies.
 - Present a full methodology.
 - Hardware + Firmware.
 - Better accuracy.
 - 32ms or faster rate.
 - Adapted to significant process variations.
 - Decoupled voltage and frequency, instead of voltage/frequency pairs.
 - Simple model formula with physical meanings.
 - Flexible to implement possible upcoming technologies, e.g. on-chip VRMs and voltage domains.

