

Schematic of Particle Acceleration by Stimulated Emission of Radiation (PASER) compared to analogous processes. In PASER, bound electrons in excited atoms (yellow) are stimulated by a bunched beam of electrons (orange bars) and transfer energy into accelerating the electron motion (red bars). See article 134801. See also Physics News Update story at http://www.aip.org/pnu/2006/split/792-1.html.

PHYSICAL REVIEW LETTERS

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