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Introducing Powelite Furie

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Built on the proven Powerlite laser platform and using our energy through efficiency approach, the Furie delivers 7J of IR and 4J of green ensuring excellent beam profile and overall performance that's best-in-class in all aspects of stability. This compact and robust laser is designed to operate 24/7 for set-and-forget industrial applications while providing flexibility and versatility required by scientific users, making it ideal for Ti:Sapphire pumping and materials processing applications.

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FEL Pulses and Ultrafast Lasers Team Up to Explore New Frontiers

Free-electron lasers are uniquely bright sources of extremely short x-ray pulses that can be combined with synchronized ultrafast laser pulses to perform cutting-edge experiments in physics and chemistry.

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Lasers Help Fabricate Solar's Future

Etching, scribing and isolating are essential functions in solar cell manufacturing, and lasers play a large part in each.

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Active Pulse Management Enables Femtosecond Athermal Ablation

In extremely short pulses, generally in the several-hundred-femtosecond regime, light interacts with matter fundamentally differently from the way other forms of energy do. This interaction allows micron-resolution features to be machined in virtually any material without introducing excess heat to the target. But pulse stability at femtosecond speeds has been difficult to maintain. Combining athermal ablation with active pulse management enables unprecedented precision for industrial applications.

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Many cutting-edge applications are critically enabled by ultrafast lasers, but other demanding applications can now switch to a new type of subnanosecond solid-state laser.

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Product requirements and advances in lasers are leading to growing adoption of photonic manufacturing.

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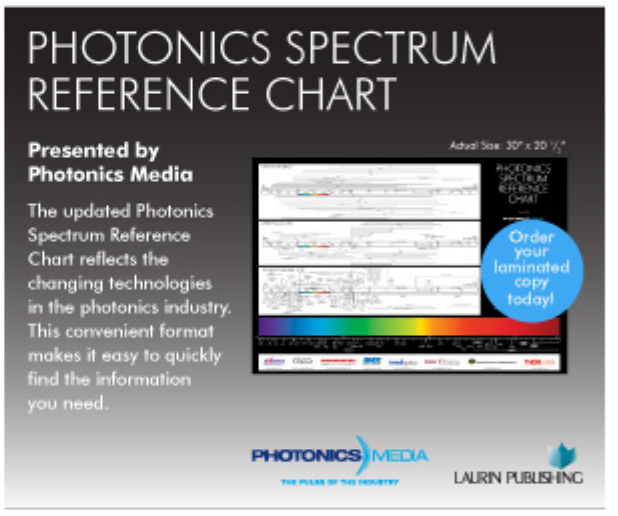

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