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## **Luxtera Chosen for Exclusive Showcase at SC07 by Supercomputing's Disruptive Technologies Committee**

*Exhibit acts as a forum for technologies that will significantly reshape the world of HPC in the next five to 15 years*

**Carlsbad, Calif. – October 30, 2007** – [Luxtera Inc.](#), the world leader in CMOS Photonics, today announced that Supercomputing's Disruptive Technologies Committee selected it as one of the exclusive showcases at this year's SC07 show. Leveraging its technological breakthroughs, Luxtera is leading the industry by delivering world's first 40 Gigabit optical active cable (OAC), which is also the world's first product based on CMOS Photonics technology. Inclusion in the Disruptive Technologies Showcase further underscores Luxtera's position as the industry leader.

The Disruptive Technologies Exhibit is a forum to showcase those technologies that have the potential to significantly reshape the world of High Performance Computing (HPC) in the next five to 15 years. A disruptive technology is a technological innovation or product that eventually overturns the existing dominant technology or product in the marketplace. Luxtera's CMOS Photonics transceiver technology demonstrates such potential, and is well positioned to replace legacy hybrid optical modules and low performance copper cabling.

"Luxtera's technology was competitively selected from a pool of submissions to the Disruptive Technology Exhibit," said Jeffrey Vetter, chairman of the Disruptive Technologies activity at SC07. "Clearly, any technology that can dramatically improve the price, performance, or scale of interconnection networks will have a major impact on high performance computing."

"The caliber of companies chosen for this exhibit is phenomenal. We are honored to play a part in this respected industry event and to demonstrate the benefits of CMOS Photonics technology," said Marek Tlalka, vice president of marketing for Luxtera. "Our demonstration will focus on the breakthroughs we have made, including our first product which is currently sampling, years ahead of our closest competition."

Optical active cables are set to become the standard in optical interconnects, combining the benefits of optical modules and copper cables to deliver a high performance, low-cost connectivity option for High Performance Computing and other interconnect applications. Luxtera's 40 Gigabit OAC, Blazar, delivers on cost/ performance promise of active cables, but takes it to the next level by delivering 2x the bandwidth and 3x the reach of existing OAC solutions at a comparable cost. The product's high density and long reach enable datacenter customers to fully populate racks with servers and switches, easing constraints on computer cluster design and location, which can eliminate the need to expand physical facilities in order to increase computing capacity. Blazar also provides

customers with significant improvements in power consumption, footprint density and reliability, a comprehensive upgrade over currently deployed interconnect technologies.

The Disruptive Technologies Exhibit will take place as part of SC07, November 12-15, and will showcase the chosen technologies in two panel sessions and competitively-selected demonstrations. Luxtera is exhibiting in the main hall in booth #384 and in the Disruptive Technologies Showcase in Exhibit Hall 1B, booth #94. Live product demonstrations will be available at both booths.

For more information, visit <http://sc07.supercomp.org/index.php>.

### **About Luxtera**

Luxtera, Inc. is a fabless semiconductor company and the world leader in silicon photonics. Luxtera fulfills the world's insatiable demand for bandwidth by uniting the high performance of fiber-optic communications with the low-cost and high-volume manufacturing advantages of mainstream silicon CMOS fabrication. The company was founded in 2001 by a team of industry-renowned researchers and technology managers drawn from the communication and semiconductors industries. Luxtera is funded by leading venture capitalists: Sevin Rosen Funds, August Capital and New Enterprise Associates. Luxtera just announced its first commercial product based on its CMOS Photonics technology, Blazar, and will begin shipping later this year. Luxtera is headquartered in Carlsbad, CA. More information on Luxtera can be found on the company's web site: [www.luxtera.com](http://www.luxtera.com).

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