

PRESS RELEASE:

LIGENTEC SA Recognized at 2024 CCI France Suisse Trophies for Cross-Border Innovation in Integrated Photonics



Ecublens, Switzerland — June 17, 2024 — LIGENTEC, a leader in integrated photonics, was honored at the prestigious 2024 CCI France Suisse Trophies, held at the Beau-Rivage Palace in Lausanne. The event celebrated exemplary Franco-Swiss collaboration and innovation, highlighting the pivotal role of LIGENTEC and seven other Swiss and French companies in fostering cross-border exchanges.

Hosted by the Chambre de Commerce et d'Industrie France Suisse (CCIFS), the 35th edition of the Trophies drew nearly 400 prominent figures from the economic and political arenas of both nations, underscoring enduring partnerships and resilience in challenging economic landscapes.

Annually, the CCIFS Trophies recognize achievements embody Franco-Swiss dynamism, promoting creativity and resilience amidst economic challenges. LIGENTEC SA excelled in the "Development from Switzerland to France" category, affirming its leadership in integrated photonics and its contribution to strengthening bilateral ties.

The Swiss based LIGENTEC SA was honored for the successful establishment of its French operation (LIGENTEC France SAS) in Corbeil Essonnes, Ile de France. LIGENTEC developed proprietary manufacturing processes for its silicon nitride (SiN)-based photonic integrated circuits (PICs) which find applications in high-tech markets such as precision metrology, bio-sensing, non-GPS navigation, optical computing and quantum computing. To bridge the step from prototyping to production, LIGENTEC France was created to implement the LIGENTEC manufacturing processes within its key partner X-FAB France, a leading high volume, automotive qualified semiconductor foundry.

Today, the two companies work hand in hand, where LIGENTEC Switzerland leads the photonics design, develops advanced processes to increase the functionality of the photonic ICs and provides comprehensive customer support whereas LIGENTEC France supplies the photonic wafers, spearheads the integration of novel SiN process modules at XFAB's 200 mm fabrication facility, further advances the technology, its PDK (Process Design Kits) and develops wafer-level characterization techniques.

For more information about LIGENTEC and its innovative solutions in integrated photonics, please visit www.ligentec.com.

About LIGENTEC

LIGENTEC provides application-specific Photonic Integrated Circuits (PICs) to clients in high-tech industries such as quantum computing, advanced computing, communication, autonomous driving, space, and biosensors. LIGENTEC's technology, which was originally developed at the Federal Institute of Technology in Lausanne (EPFL), is patented and fully compatible with CMOS. This technology allows for the production of PICs with better performance than today's state-of-the-art technology. Additionally, active components can be integrated to enable even more functionality on-chip. By combining the benefits of low-loss materials such as glass with those of silicon photonics, LIGENTEC addresses the main challenges of integrated photonics today, including low loss and short production cycles.

LIGENTEC offers a smooth transition from research and development to volume production, supported by its low entry barrier MPW services, custom PIC developments, and high-volume production in a 200mm, IATF 16949 certified CMOS foundry. LIGENTEC is based in Lausanne, Switzerland, and Corbeil-Essonnes, Île-de-France, France, and is ISO 9001:2015 certified.