
Transphorm to Dispel the Myths About Gallium Nitride (GaN) at APEC 2013

CEO will offer plenary session with honest comparison of GaN vs. SiC; company encourages area technology journalists and analysts to attend Long Beach trade show to learn the truth about an industry-shaping technology.

GOLETA, Calif., -February 11, 2013-[Transphorm Inc.](#) announces that it will use its significant presence at the upcoming [APEC 2013](#) conference and exhibition in Long Beach, Calif. (March 17-21) to dispel the pervasive myths in the electronics community about both the benefits and limitations of Gallium Nitride (GaN) technology. Transphorm encourages technology journalists and analysts to visit the company's booth at the show to learn the facts about GaN from the company's team of respected [academics and industry experts](#) who will explain how this technology will reshape the power conversion market in the near future.

Transphorm's participation will be kicked off by company CEO and co-founder [Dr. Umesh Mishra](#) whose plenary talk is titled "Compound Semiconductors: GaN and SiC, Separating Fact from Fiction in Both Research and Business." During the course of the three-day conference, several speakers from Transphorm's executive team will participate in technical sessions and panels with detailed, up-to-date information on GaN. Carl Blake, VP

Additionally, Transphorm will unveil its latest evolution in 600V products for power conversion applications at APEC 2013, as they promised to do at last year's APEC when they introduced groundbreaking 600V GaN High Electron Mobility Transistors (HEMT). Also, in booth 2012, the company will display a demo of an inverter using GaN technology now in use in a solar application in Japan; a product that provides 98.2% efficiency for the full system and which is 40% smaller than the best Si IGBT solution.

"Our mission at APEC 2013 is to disabuse the engineering community of its misconceptions about GaN, which are exaggerated both in what it can and cannot do," said Transphorm's CEO Umesh Mishra. "Journalists and analysts are invited to visit us at the show to learn the facts about GaN, which will be backed by actual products and rigorous research. We encourage those unable to attend APEC to contact us to find out about this exciting, game-changing technology."

The following is complete line-up of Transphorm presentations at APEC 2013:

- [Open Plenary](#) (Mon., March 18, 2:00-2:30 p.m.) - Transphorm CEO & Co-founder, Dr. Umesh Mishra, will present "Compound Semiconductors: GaN and SiC, Separating Fact from Fiction in Both Research and Business."

- [Industry Session](#) (Tues., March 19, 8:30 a.m. - noon) – Transphorm VP of Product Development, Dr. Yifeng, will present “GaN Offers Advantages to Future HEV.”
- [Rap Session](#) (Tues., March 19, 5:00 - 6:30 p.m.) – Transphorm President & Co-founder, Dr. Primit Parikh, will participate in the panel, “Wide band-gap semiconductors - Prime time or promises?”
- [Technical Session](#) (Wed., March 20, 8:30 – 10:10 a.m.) – Transphorm Member of Technical Staff, Dr. Liang Zhou will co-chair the session, “High-Performance Devices in Circuits.”
- [Industry Session](#) (Thur., March 21, 2013, 8:30 -11:30 a.m.) – Transphorm VP of Marketing, Carl Blake, will co-chair the session, “Technologies that Advance Power Design.”

About Transphorm

Transphorm is redefining electric power conversion, providing cost-competitive and easy-to-embed power conversion devices and modules that reduce costly energy loss by up to 90 percent, and simplify the design and manufacturing of motor drives, power supplies and inverters for solar panels and electric vehicles. From material technology and device fabrication to circuit design and module assembly, Transphorm designs and delivers its power conversion devices and modules to meet the needs of global customers. By creating an ecosystem of electrical systems manufacturers powered by Transphorm, the company accelerates the adoption of application-specific power modules and paves the way for the next generation of electrical systems designed for optimal efficiency. To learn more about Transphorm, please visit www.transphormusa.com.

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